

THE FIELD MUSEUM
2004 ANNUAL REPORT TO THE
BOARD OF TRUSTEES

ACADEMIC AFFAIRS

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ACADEMIC AFFAIRS – 2004 ANNUAL REPORT

2004 was a year of challenges, opportunities and triumphs for the scientific programs at The Field Museum. While the challenges were real, they were just that—challenges—not insurmountable obstacles, and were more than offset by many successes. Each new day in the Field Museum's laboratories and collections brings with it further advances and great discoveries, thanks to the exceptional caliber and productivity of our scientific staff. Their contributions include international-level research, acquisition of major grants, production of hundreds of scientific publications, fieldwork resulting in valuable new collections, training of students in collaboration with universities and other institutions, science-based conservation action, and the education of the Museum's many audiences through exhibitions and public programs. The main text of this 2004 Annual Report catalogs the myriad details of those contributions. In the next few pages, we want to share with you highlights of the most significant triumphs and tests of the past year.

This museum is grounded in the new knowledge created by scientific discovery, and 2004 witnessed a particularly outstanding roster of significant achievements in that regard. Just a few examples of journal articles from more than 250 publications that appeared in 2004 illustrate the striking breadth of those achievements:

- 1 In the prestigious journal *Nature*, Assistant Curator of Paleontology Peter Makovicky and colleagues revealed dramatic new findings on growth patterns and lifespan of *Tyrannosaurus rex* drawn from study of growth rings in the bones of twenty tyrannosaurids (including our own "Sue").
- 2 Jonathan Haas, MacArthur Curator of Anthropology, was the lead author of a *Nature* piece announcing the results of archaeological excavations and radiocarbon dating that confirm the presence of an extraordinary complex of more than 20 major ceremonial and urban centers along the Peruvian coast that date to more than 5,000 years ago—representing the oldest civilization in the Andes.
- 3 Jennifer McElwain, Associate Curator of Paleobotany, described in the journal *Geology* a new method for assessing ancient land elevations by studying the density of the stomata on fossil leaves—a groundbreaking technique that will aid the study of evolution and global climate patterns.
- 4 Field Biologist Steve Goodman (Zoology/Mammals) was among six co-authors of a paper published in *Journal of Human Evolution* that traces the history of large animal extinction in Madagascar, linking radiocarbon dates and data on human-induced or natural habitat change to the disappearance of giant lemurs, giant tortoises, elephant birds, and other animals—shedding new light on a much-discussed question.
- 5 Associate Curator of Meteoritics Meenakshi Wadhwa and Isotope Geochemistry Lab Manager Phillip Janney were co-authors with the University of Chicago's Nicolas Dauphas of a report in *Science* establishing the sedimentary origin of the controversial Archean banded rocks from Greenland, providing support for the claim of earlier scientists that the rocks could have preserved the earliest traces of life on Earth.
- 6 A *Science* article by the Curator of Fossil Amphibians and Reptiles Olivier Rieppel, with colleagues from the Chinese Academy of Sciences and the University of Chicago, offered some answers to a 150-year-old mystery surrounding the function of the long necks of a group of Triassic reptiles known as protorosaurs.
- 7 Publishing in the journal *Bryology*, Mycology Collection Manager Robert Lücking and colleague Marla Herrera-Campos (National Autonomous University of Mexico) described five new species of foliicolous lichens (lichens that grow on leaves) from the montane forests of southern Mexico,

bringing the number of new species identified by this team in the past three years to more than 250.

The presence of Field Museum scientists in high-profile, peer-reviewed international journals is as high as it has ever been—a resounding indicator of the quality of our work and the significance of our contributions. The many books and monographs published by our scientists are another gauge of the substantial scholarly achievements. 2004 saw the publication of numerous authored or edited volumes from Field Museum scientists, including:

- 1 Curator Michael Dillon of Botany and his Peruvian colleagues published the second in a series of books on the floristic diversity of northern Peru, *Bosque Montanos* (“Montane Forests”) which illustrates over 190 species from 76 plant families and contains an annotated floristic checklist of some 1500 species for these highly threatened forest fragments—the first of its kind.
- 2 The fourth edition of *Images of the Past* by T. Douglas Price (University of Wisconsin-Madison) and Gary Feinman (Curator and Chair, Anthropology) was published by McGraw-Hill. This introduction to world archaeology has become firmly established as a major textbook.
- 8 MacArthur Curator Bruce Patterson (Zoology/Mammals) published *The Lions of Tsavo*, a book exploring the general biological context of Africa’s notorious man-eaters.
- 9 Vice President and Head of Collections and Research Lance Grande (also Curator in Geology), together with two colleagues, authored a monograph on fossil and living stingrays of the world. This compendium described new species and analyzed the evolutionary relationships of all rays.
- 3 Curator Larry Heaney (Zoology/Mammals) and colleague Mark Lomolino (SUNY–Syracuse) co-edited a new book, *Frontiers of Biogeography: New Directions in the Geography of Nature*, the first in a series called “Frontiers of Biogeography” from Sinauer Associates.
- 4 Curator of Mycology Greg Mueller co-edited *Biodiversity of Fungi*. Replete with essays on topics ranging from slime molds to fungal parasites to truffles, the book has rapidly become the standard reference on the subject.
- 5 The edited volume *Archaeological Perspectives on Political Economies* was brought out by Anthropology Curator and Chair Gary Feinman and Adjunct Curator Linda Nicholas.
- 6 *Unwrapping the Textile Traditions of Madagascar*, a beautifully illustrated volume edited by Curators Chapurukha Kusimba and Bennet Bronson (both Anthropology), along with J. Clair Odland of the UCLA Fowler Museum of Cultural History, Los Angeles, was also published. This volume includes contributions from a number of experts on Malagasy textiles, including several from Madagascar.

The Museum’s scientific contributions are by no means confined to the traditional channels of academic information-sharing, but also translate into action. Environmental and Conservation Programs, long a leader in charting biological diversity, identifying threats, and proposing solutions, has once again broken new ground by conducting pioneering biodiversity surveys in Cuba. In 2004, ECP released its report on a 2002 Rapid Biological Inventory conducted in the Pico Mogote Ecological Reserve in the mountains of southeastern Cuba. The team recorded a high level of original biodiversity in the reserve, and a potential for natural and active restoration.

Of course, research relating to conservation and biodiversity has been a concern of our more “traditional” collections-based departments since the founding of the Museum, and that still holds true. In the spring of 2004, Assistant Collection Manager Philip Willink (Zoology/Fishes) participated in a month-long aquatic rapid assessment (AquaRAP) of the Coppename River, Suriname, in the Central Suriname Nature

Reserve—one of the most pristine and little-studied areas on the planet. Of current concern is the potential bauxite mining and logging being considered for areas near the reserve, and the results of the survey will be used to develop management plans for the reserve.

Collection Manager Bill Stanley (Zoology/Mammals) spent much of the summer conducting small mammal surveys in the Malundwe Mountains of Mikumi National Park (Tanzania), and Mt. Mulanje at the southern tip of Malawi. The material collected will help to define the biological relationships among the mountains of Tanzania and Malawi. Bill and colleagues also conducted a workshop in Tanzania with biologists from the Southern Highlands Conservation Program, which is a team focused on the natural history and conservation of the little-known mountains of southwestern Tanzania.

On a less scientific but no less “action-oriented” note, in the fall Philip Willink (Zoology/Fishes) and Collections Assistant Jamie Ladonski (Zoology/Amphibians and Reptiles) joined 50 students from The School of Entrepreneurship High School in a beach clean-up at the 71st Street Beach behind the South Shore Cultural Center, part of the Lake Michigan Federation’s Adopt-A-Beach program on September 18. The Field Museum team demonstrated fish-collecting techniques and discussed aquatic ecology and conservation with the students and other volunteers.

Turning to education, in the service of conservation, ECP in particular continues to be deeply involved in environmental education in the areas in which it conducts research. Anne Umali, International Programs Coordinator in Conservation Education, spent four weeks in Bolivia in March facilitating an ongoing pilot Environmental Education program in western Pando. With four student interns from the Universidad Amaz nica de Pando (UAP), Anne facilitated two workshops for educators in Cobija, training 20 educators in two different elementary school programs. She returned in October to facilitate more workshops. As the next school year begins, Anne will begin to recruit and train local teacher leaders, building their skills so that they can begin training the next generation of environmental educators in Cobija. ECP’s Visual Communications Developer Kevin Havener traveled to Cobija in June to conduct a desktop publishing workshop with science students from the Universidad Amazonica de Pando, and in July Manager for International Community Outreach Dan Brinkmeier taught a two-day workshop at the Amazonian University of Pando on conservation communications methodology and the use of media with rural communities. Dan later traveled to Tarapoto, central Peru, to help develop environmental education programming for communities living near the Cordillera Azul National Park, and assist Peruvian counterparts in designing technical materials about soil conservation.

Back in Chicago, CCUC’s Urban Research and Curriculum Transformation Institute (URCTI), funded by the Ford Foundation since 2003 and run by CCUC’s Urban Programs division, had a very successful second summer of programs. URCTI’s 2004 faculty institute met for the first time in June, bringing together 11 social science faculty from DePaul University, University of Illinois at Chicago, and Loyola University, among others. In mid-June seven undergraduate and graduate social science interns from area universities began participatory action research in partnership with five community-based organizations, using ethnographic methods to arrive at a better understanding of land-use issues in five communities in Chicago.

In a different educational context, our Curators have developed strong ties with three local universities—the University of Chicago, the University of Illinois at Chicago and Northwestern University—representing a significant proportion of the adjunct faculty at those universities. In addition to advising students and participating in inter-institutional committees, our Curators taught 12 courses at the University of Chicago, 8 courses at the University of Illinois at Chicago and three courses at Northwestern University. In addition, Academic Affairs staff taught 18 courses at institutions elsewhere, including universities in China and Madagascar.

Field Museum scientists contribute to a broad range of more formal education initiatives related to the Museum’s scientific disciplines. Activities such as teaching, science internships, supervision of graduate students—and capacity-building in other countries—are summarized in the Training Programs section of this report. But it is worth emphasizing here the degree to which our curators and Professional Staff are also key contributors to the informal learning that goes on in our exhibitions. It is their scientific expertise

that assures that our exhibition content is not only accurate but also communicates the most up-to-date thought on the subject in question. Virtually the entire curatorial staff of Geology, for example, has been working closely on the renovation of the Museum's prehistoric life halls, now entitled *Evolving Planet*. Likewise, our Anthropology curators with special expertise in the Americas—Gary Feinman, Jonathan Haas, Antonio Curet, and Ryan Williams—form an integral part of the team developing the new Ancient Americas halls. Even smaller-scale projects, like the *Treasures of the Americas*, and mission-based temporary exhibitions, like the stunning 2003–2004 Forbidden City project, or the upcoming display of Chinese fossils, *Dinosaur Dynasties*, depend heavily on the unique contributions of our scientific staff—drawing upon a deep and authoritative foundation that few other museums have at their disposal.

Whether through education efforts or ground-breaking research, Field Museum scientists can be justifiably proud of their role in advancing the understanding of our earth and its people. They can take pride in another triumph represented by the substantial financial support they raise to support their research. In 2004, Academic Affairs secured over \$2.65 million in new awards, bringing the total dollar amount of active grants to \$46.3 million for research, outreach, and capitol expenses.

The National Science Foundation remains one of our key sources of research support. The Museum maintains a consistently high ratio of successful proposals to total submissions—indeed, our success rate with NSF is among the best in the nation. Notable awards from the National Science Foundation in 2004 include:

- 1 \$268,775 to the Pritzker Molecular Lab for a new Automated DNA sequencer. Principal Investigators on the grant are Pritzker Lab Manager Kevin Feldheim, Associate Curator Shannon Hackett (Zoology/Birds), Assistant Curator Paul Goldstein (Zoology/Insects), Associate Curator Jun Wen (Botany), and Associate Curator and Chair John Bates (Zoology/Birds).
- 2 \$300,000 to Curator Michael Dillon and Associate Curator Jun Wen (both Botany) from the Systematic Biology Program to support their systematic and biogeographic studies of *Nolana* from the Atacama and Peruvian deserts.
- 3 \$185,076 to Postdoctoral Research Scientist Eric Hilton and Lance Grande, Vice President and Head, Collections and Research and Curator of Geology for a second phase of their study “Comparative Osteology and Phylogenetic Systematics of Fossil and Living Sturgeons.”
- 4 \$72,560 to Gary Feinman, Curator of Mesaoamerican Anthropology, for “The Domestic Economy of El Palmillo,” which will continue the Museum's long-term study of this Classic period (AD 200-800) hilltop settlement in the Valley of Oaxaca, Mexico.

Academic Affairs strives to diversify funding sources in order to take advantage of as broad a range as possible for support of scientific programs. In addition, we attempt to bring our activities to the notice of those sources that would be most interested in the Museum's diverse projects. This is a strategy that is applied to both public and private dollar funding agencies. Among the major awards from funding sources other than NSF last year were:

- 1 Collections Manager Will Pestle and Head of Collections Steve Nash (both Anthropology) were awarded \$99,984 from the “Recovering Iraq's Past” initiative of the National Endowment for the Humanities for their project entitled “Reconciling the Past: A Catalogue of Scattered Collections.” The grant will allow the virtual reunification of archeological collections from the 5,000 year-old city of Kish, Iraq, bringing the material at the Field Museum together with sister collections held at the Ashmolean Museum at Oxford University, and the Iraq Museum in Baghdad, all of which were excavated by a joint Field Museum/Oxford University Expedition in the 1920s and 1930s.
- 2 \$250,000 from the MacArthur Foundation to Steve Goodman of Zoology for “The Development and Advancement of a Professional Malagasy Biological Inventory Team: A Collaborative Project Between The Field Museum and WWF-Madagascar.”

- 3 \$111,420 to MacArthur Curator Bruce Patterson from the Earthwatch Institute to support the participation of volunteers in field research on the lions of Tsavo, Kenya.
- 4 \$16,534 from the Museum Loan Network to Chris Philipp, Anthropology Collections Manager, and Steve Nash, Head of Collections to conduct a photographic survey of the Department of Anthropology's African, South American, and Middle American Ethnographic Musical Instruments Collections.
- 5 \$147,500 from the Hamill Family Foundation for the Yunnan Initiative, organized by Associate Curator Jun Wen (Botany) and Boone Associate Curator Anne Underhill (Anthropology) in collaboration with Research Assistant Edna Davion (Academic Affairs office), to conduct a series of biological and social inventories in the Nu River Valley, Yunnan, China, using the Rapid Inventory techniques developed by ECP.
- 6 \$149,959 to Collection Manager Mary Anne Rogers (Zoology/Fishes) and Vice President and CIO Bill Barnett from the Institute of Museum and Library Services's *Museums for America* program, to convert the Fishes collection data to the KE-Emu system.

The fundraising efforts of our Curators and Professional Staff have been notably vigorous, and highly productive. That said, it will come as no surprise that the challenges faced by the science side of The Field Museum in 2004 were largely financial. In the current economic climate, flat or declining budgets are nothing new to non-profits and particularly museums, and Academic Affairs has been exceedingly careful in marshalling its resources. However, the belt-tightening has not come without some pain. The limits on our ability to respond to contingencies have resulted, most noticeably, in the loss of some of our curatorial staff to other institutions without replacement for the time being. John Flynn, Curator of Fossil Mammals, left us in the fall for the American Museum of Natural History after 17 years of stellar contributions in science and service. Paul Goldstein, Assistant Curator of Insects and our resident expert on moths and butterflies, left in early 2005 for the University of Florida, and Jun Wen, Associate Curator of Vascular Plants, leaves for the Smithsonian later in 2005—a loss of three more very productive members of the Museum's science faculty. As with any staff attrition, these vacancies permit immediate financial relief in a tight financial situation, but the negative impact of losing such productive scientists—and educators—from Field Museum science programs should not be underestimated. Their departure represents a loss of talent, scientific productivity, service, and potential grant dollars.

The financial pinch has also severely depleted our restricted fund reserves, as for several years we have shifted Base Operating positions to these funds in order to help protect our staffing levels. While there are some disadvantages to this strategy—reduced ability to respond to opportunities for one—it allowed us to maintain operations and to avoid additional losses from an already lean staff.

The challenges of the past year were, in their own way, opportunities as well, obliging us to take stock. Although we have lost ground in terms of the size of the curatorial faculty, and Professional Staff positions, we have nevertheless achieved a net gain in critically needed collections staff since the 1999 *Strategic Plan* was compiled. When the resource picture brightens, we will have a plan in place to address these staffing needs. Partly because of the signal success of our scientists in ensuring continued growth, the volume of our collections is, in most areas, disproportionate to the numbers of staff to dedicated caring for them. Unfreezing our vacant curatorial positions, and shifting curatorial and professional staff back on to unrestricted operating support, remain our top priorities, and a key fundraising goal in the current Capital Campaign remains the endowment of existing curatorial slots to free up funding to address the critical staffing needs in collections.

While we actively seek opportunities to strengthen our science staffing and collections care, many other assets for future progress are already at hand. The biggest and most exciting development in this direction is the 170,000 square foot new facility that now stands, almost completed, at the southeast corner of the Museum: the Collections Resource Center. The first steps toward moving some two million objects from Anthropology, Geology and Zoology have already taken place and the move will begin in earnest in spring 2005. Once all the transfers have been completed in 2008, this state-of-the-art facility will not only enhance

collections care, but free up much-needed space in the original building for expansion of laboratories and offices, as well as returning exhibit halls that had been converted to collections storage back to their original purpose.

Under the skilled and meticulous guidance of CRC Collection Project Coordinator Scott Demel, the first official move to the CRC began the week of November 8 with the relocation of the Mammals tanning drums from the 4th floor to the CRC's Lower Level 2. The drums, frames, and motors were moved by the firm Methods & Materials, and were lowered by crane into the CRC through one of the explosion vents. Due to their enormous size, the drums were moved into the new Tanning Room before the walls and door frame were completed. The rails for the first floor of the CRC were delivered on November 19 and have been installed over the past months.

There is a related, vitally important development underway in the existing footprint of our 1921 building. Thanks to a \$2 million gift from the Searle Family and the Chicago Community Trusts, the bulk of the collections in the Botany herbarium are being consolidated from halls into half the previous space through the installation of a movable cabinet system. This "compactorization" of the herbarium provides expanded "people space" for several departments—accommodating much-needed offices as well as classroom and laboratory use.

We are also hard at work bringing our collections data into the 21st century in terms of both organization and accessibility. The "Common Ground" project, a long-term effort to convert and coordinate collections databases using a common platform, made significant progress during the year. Conversion of the Botany collections was the first—but by no means the simplest—task to be tackled by the project. The Botany pilot project, financed from internal funding sources, entailed the integration of sixteen separate compendia of data into a single managed collection database. Despite its complexity, the process proceeded smoothly, and data conversion had been almost completed by the end of 2004. Significant progress was also made toward funding of this enormous undertaking throughout Academic Affairs, which will cost an estimated \$6 million in implementation costs (\$2 million for conversion of existing databases and \$4 million for creation of new databases) and be followed by annual maintenance costs of \$150,000. An anonymous donor contributed \$20,000 in honor of Janet Diederichs (Chairman of the Founders' Council) toward purchase of a server that now stands at the core of the new system—and will facilitate all subsequent collection conversion projects. In a subsequent development, thanks to the award of nearly \$150,000 by IMLS noted above, the next collection (Fishes) is already slated for conversion. As 2004 drew to a close, the entire project was given a spectacular boost by a Federal earmark award of \$800,000 that will be administered through IMLS. This will allow conversion of additional collections databases in Anthropology and Zoology (Invertebrates, Insects) as well as inclusion of the Photo Archive of the Library. Completion of the project will depend upon additional funding successes, but the progress made in 2004 has exceeded expectations and we are now well on our way.

The Museum's research horizons were widened—or magnified, to be more precise—with the welcome arrival in April of our new state-of-the-art Scanning Electron Microscope (SEM). The LEO EVO 60XVP Scanning Electron Microscope gives researchers the capacity to examine fine surface details of three-dimensional objects at magnifications ranging from very low magnifications (10 times life-size) to high magnifications (up to 200,000 times life-size). The unit also is equipped with an X-Ray detector that enables analysis of the elemental composition of museum objects and specimens. Furthermore, the new SEM allows researchers to image larger specimens and objects than other instruments on the market, to examine fresh and wet specimens in addition to dry ones, to document their results with high resolution digital imaging, and to analyze the elemental composition of museum objects. The LEO SEM was funded by a grant from an anonymous donor, and was purchased after careful deliberation by a team of scientists led by SEM Lab Manager Betty Strack. It is available as a central facility for use by the Museum's scientists and conservators and their collaborators and students. Furthermore, together with the two NSF-funded mass spectrometers in Geology and Anthropology, the new SEM provides an exceptional capability for elemental analysis that is unique in Illinois and will be used extensively by outside researchers as well as Museum scientists.

2004 was also a year of major change with respect to the structural organization of Academic Affairs. At the beginning of the year, Debra Moskovits was promoted to the position of Vice President, Environment, Culture, and Conservation. Then, in the summer, the position of Provost and Vice President held by Bob Martin was split. Lance Grande was appointed as Vice President and Head, Collections and Research while Bob retained the title of Provost. At the same time, Environmental and Conservation Programs and the Center for Cultural Understanding and Change were combined to form Environment, Culture and Conservation (ECCo) under the overall charge of Debra Moskovits.

We will close with four staff-related notes, one promotion, one departure, one endowed curatorial appointment and (sadly) one passing:

Rüdiger Bieler, Department of Zoology, was promoted to Full Curator, effective September 1, 2004. Rüdiger, a malacologist, has published a number of important research papers and books and has received several major research grants, including three from the National Science Foundation; he maintains an active field program and has made major collections of mollusks and other invertebrates for the Museum. Rüdiger joined the Museum in 1990, and has since made significant contributions across the board in research, curation, education, service, and administration. He has served as Chair of the Science Advisory Council, Chair of Zoology, and played a crucial role in the development of the *Pearls* exhibit, in addition to heavy involvement in planning the Collections Resource Center. He is truly an asset to the Department of Zoology, the Museum, and the scientific community.

We have already mentioned the departure of John Flynn, MacArthur Curator of Geology. John was an exemplary “museum citizen”—an able administrator (two-term Chair of Geology, and one of the ringleaders of the “Sue” acquisition), an avid participant in Museum planning (such as the 1999 *Strategic Plan*), a lively contributor to our public programs (notably the development of the *Life Over Time* exhibit), and a highly productive researcher. He was behind many significant fossil finds for the Museum (for example, dinosaurs in Madagascar and the oldest known New World primate from Chile); but even more than his research achievements—which were first-rate—John exemplified the altruism that made him an all-around contributor to the Museum’s mission, in service and education as well as science. He will be greatly missed.

Olivier Rieppel was appointed as the new MacArthur Curator of Geology to succeed John Flynn, with effect from January 1, 2005. Olivier has long-standing interests both in fossil reptiles and in the philosophical underpinnings of biological systematics. The recipient of several NSF grants, he is one of the Museum’s most productive researchers, having produced more than 200 scientific publications. Currently serving as Chair of the Geology Department, he is one of the Museum’s true treasures, enjoying great respect within the scientific community.

A sixty-year Field Museum research career came to an end on December 27 with the passing of Rainer Zangerl, Curator Emeritus of Geology at age 92. Originally from Switzerland, Rainer was appointed as Curator of Fossil Reptiles at the Field in 1945, and served as Head of the Department from 1962 until his retirement in 1974. Rainer’s main research interests were the lower vertebrates, in particular fossil and extant reptiles and fossil sharks, and he published extensively on reptile anatomy, diverse reptile groups such as amphisbaenians, sauropterygians and turtles, and fossil fishes (agnathans and chondrichthyans). He co-authored with Eugene Richardson a now-classic memoir on the paleoecology of Pennsylvanian black shales. His 1948 landmark paper on methods of comparative anatomy and their relevance to evolutionary theory culminated in his translation (together with Dwight Davis) of Willi Hennig’s *Phylogenetic Systematics* in 1966. It would not be an understatement to say that the translation triggered a revolution in the field of systematic biology and paleontology. He was a founding member of the Society of Vertebrate Paleontology, and the Society awarded him its most distinguished honor, the Romer-Simpson-Medal, in 2002. Productive to the end, another of Rainer’s research articles was published in the journal *Mosasauro* in September.

Rüdiger, John, Olivier and Rainer all represent the lively energy, intellectual talent and boundless curiosity that drive the science conducted here at The Field Museum. The Museum exists to “explore the earth and its people,” and it counts among its ranks the sort of investigators whose passion it is to conduct that

exploration—to seek answers to the riddles of civilizations, illuminate the connections on the tree of life, chart the biodiversity and evolution of the planet and examine our context within the solar system. The main challenge facing us today is the ability to recruit and retain explorers like these. They come already equipped with the energy and curiosity necessary to make significant contributions—we simply need to provide them with the environment and the resources to allow them to do what they do best.

Robert D. Martin
Provost
Academic Affairs

Lance Grande
Vice President and Head,
Collections and Research

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(*indicates staff who left their posts in the course of 2004)

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Department of Botany

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 Michael O. Dillon, Ph.D. Curator, Vascular Plants and Head, Vascular Plants
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Shannon J. Hackett

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Lawrence R. Heaney

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Maureen Kearney

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Alfred F. Newton

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Bruce D. Patterson

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Petra Sierwald

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Alexey Yu. Solodovnikov

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William T. Stanley

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Margaret K. Thayer

Thayer M. K., Ashe, J. S., and Hanley, R. S. (2004). Discovery of the remarkable larvae of *Hoplandriini* (Coleoptera: Staphylinidae: Aleocharinae). *Annals Entomological Society of America* 97:624-634.

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Takanobu Tsuihiji

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Janet R. Voight

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Harold K. Voris

Alfaro, M. E., Karns, D. R., **Voris, H. K.**, Abernathy, E., and Sellins, S. L. (2004). Phylogeny of *Cerberus* (Serpentes: Homalopsinae) and phylogeography of *Cerberus rynchops*: diversification of a coastal marine snake in southeast Asia. *Journal of Biogeography* 31(8):1277-1292.

Mark W. Westneat

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Mabuchi, K., Miya, M., Satoh, T. P., **Westneat, M. W.**, and Nishida, M. (2004). Gene rearrangements and evolution of tRNA pseudogenes in the mitochondrial DNA of the parrotfishes (Teleostei: Perciformes: Scaridae). *Journal of Molecular Evolution* 59:287-297.

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Philip W. Willink

Willink, P. W. (2004). Calumet bioblitz: assessing 100 years of change in 24 hours. *Transactions of the Illinois State Academy of Science* 97, supplement :41.

Chernoff, B., **Willink, P. W.**, and Machado-Allison, A. (2004). Spatial partitioning of fishes in the R  o Paraguay, Paraguay. *Interciencia* 29:183-192.

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Mol, J., Chernoff, B., **Willink, P. W.**, and Cooperman, M. (2004). Fishes. In *Preliminary Report, Coppename River AquaRAP 2004, Central Suriname Nature Reserve (CSNR), Suriname, South America*, 21-25. Washington, DC: Conservation International.

CONFERENCES, SYMPOSIA, WORKSHOPS AND INVITED LECTURES, 2004

DEPARTMENT OF ANTHROPOLOGY

Kathleen M. Adams

Panel Discussant, American Anthropological Association Annual Meeting, Berkeley, CA; Presenter, Association for Asian Studies Annual Conference, San Diego, CA; Presenter, Central States Anthropological Society Annual Meeting, Milwaukee, WI; Presenter, Summer Seminar on Southeast Asia for Teachers, Center for East Asian and Pacific Studies, University of Illinois, Urbana-Champaign; Invited lecture, Soka University of America, Aliso Viejo, CA; Panel Organizer, Central States Anthropological Society Annual Meeting, Milwaukee, WI.

Tristan Almazan

American Society for Ethnohistory, Chicago.

Elizabeth M. Brumfiel

Third Global Dimensions of the Archaeology of Social Complexity of Chicagoland, The Field Museum; Invited lectures: Department of Anthropology, University of California-Riverside; Department of Anthropology, University of California-Irvine; Cotsen Institute of Archaeology, University of California-Los Angeles; Malloy Lecture, Department of Anthropology, University of Wyoming; Society for American Archaeology, 69th Annual Meeting; XXVII Mesa Redonda de la Sociedad Mexicana de Antropología, Xalapa, Mexico; Panelist: World Anthropologies, Wenner Gren Conference, Recife, Brazil; 2004 Convention, National Communications Association; 40th Anniversary of Latin American Studies, University of Pittsburgh; Open Forum on the AAA and Labor Relations, American Anthropological Association, 103rd Annual Meeting.

Sarah Coleman

American Society for Ethnohistory, Chicago.

Winifred Creamer

Universidad Peruana Cayetano Heredia, Lima, Peru; Universidad Mayor Nacional San Marcos, Lima; Universidad Jose Faustino Sanchez Carrion, Huacho, Peru; Universidad Federico Villareal, Facultad de Biología, Lima; Universidad Federico Villareal, Facultad de Ciencias Sociales, Lima; Computers Advancing our Knowledge of the Ancient Past, Pativilca, Peru.

L. Antonio Curet

Annual Meeting of the Society for American Archaeology, Montreal.

Scott J. Demel

Annual Meeting of the Illinois Archaeological Survey (IAS), Springfield, IL; Urbana Conference on Archaic Societies of the Midcontinent; Invited Lecturer, Underwater Archaeological Society of Chicago.

Laure Dussubieux

MRS Fall Meeting, Materials Issues in Art and Archaeology VII, Boston, MD.

Gary M. Feinman

Conference Organizer, The A. Watson Armour III Spring Symposium "Indigenous Ecologies and Sustainability: Humans and Landscape, Past and Present," The Field Museum, Chicago (with C. Fisher); Workshop Organizer, "The Global Dimensions of The Archaeology of Social Complexity," The Field Museum, Chicago (with C. Kusimba); Amerind Conference on Hohokam Trajectories in World Perspective, Dragoon, Arizona; Cuarta Mesa Redonda de Monte Albán, Oaxaca, Mexico; 69th Annual Meeting of the Society for American Archaeology, Montreal.

Jonathan Haas

Society for American Archaeology Annual Meeting, Montreal, Canada; Workshop Organizer, GIS workshop, Pativilca, Peru; Co-author of paper presented at Annual Meeting of the Midwest Andeanist Meetings, Columbia, MO; Presentations, University of Tennessee, Annual Seminar on the anthropology of war.

Marianne Klaus

Verband der Restauratoren Fachtagung "In Vielfalt vereint," Mannheim, Germany; Western Area Art Conservation Annual Conference, Santa Fe, NM.

Chapurukha Kusimba

Society for American Archaeology Annual Meeting, Montreal, Canada; African Studies Association Annual Meeting, New Orleans, LA.

Joanna Minderop

Co-presenter, Annual Conference of American Institute for Conservation of Historic and Artistic Works, Portland, OR.

Robert D. Martin

Participant, The A. Watson Armour III Spring Symposium "Indigenous Ecologies and Sustainability: Humans and Landscape, Past and Present," The Field Museum, Chicago; Annual Meetings of the Society of Systematic Biology, Fort Collins, Colorado; Invited Lectures: Spring Semester Lecture of Sigma Xi, University of Illinois at Chicago; Ethical Humanist Society of Greater Chicago; Fortnightly Series Chicago, IL; Center for Reproduction of Endangered Species, Zoological Society of San Diego; Research Seminar Series, The Field Museum, Chicago, IL; *Journal of Experimental Biology* Conference, Centro Monte Verità, Ascona, Switzerland; Anthropological Institute and Museum, University of Zürich, Switzerland.

Stephen E. Nash

American Association for the Advancement of Science, Logan, UT; American Society for Ethnohistory, Chicago, IL; Society for American Archaeology Annual Meeting, Montreal; Mogollon Archaeology Conference, Silver City, NM; International Foundation for Cultural Property Protection, Chicago, IL; School for Scanning: Building Good Digital Collections, Chicago, IL.

Linda Nicholas

69th Annual Meeting of the Society for American Archaeology, Montreal; Cuarta Mesa Redonda de Monte Albán, Oaxaca, Mexico.

Jill Plitnikas

Presenter, Canadian Association for Conservation of Cultural Property 30th Annual Conference, Québec City; Poster, Western Association for Art Conservation Annual Conference, Santa Fe, NM.

Cheryl Podsiki

Co-presenter, Annual Conference for the American Institute for Conservation of Historic and Artistic Works, Portland, OR; American Society of Ethnohistory Conference, Chicago, IL.

Katherine Ridgway

Speaker, Association of Midwest Museums and Michigan Museums Association Joint Annual Conference, Grand Rapids, MI.

Helen Robbins

Association for Social Anthropology of Oceania, Salem, MA; American Anthropological Association, Atlanta, GA; Aboriginal Repatriation Conference, May, Haida Gwaii, B.C., Canada; National NAGPRA meeting, Washington, D.C.; American Ethnological Association, Chicago, IL.

John Edward Terrell

Society for American Archaeology, Montreal, Canada; International Small Islands Studies Association, Jinman, Taiwan (plenary speaker); "Perspectives on Museum and Indigenous Cultural Tourism," National Museum of Prehistory, Taitung, Taiwan (Plenary speaker); National Taiwan University, Department of Anthropology (invited lecture).

Anne P. Underhill

Department of Anthropology, University of Toronto; Society for American Archaeology Meetings, Montreal.

Patrick Ryan Williams

Presenter, 44th Annual Meeting of the Institute for Andean Studies, Berkeley, CA; 32nd Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, University of Illinois, Urbana, IL; Symposium Organizer and Presenter, 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada; International Conference on Remote Sensing Archaeology, Beijing, China.

Alaka Wali

American Association of Museums Annual Meeting, New Orleans, LA; Society for Applied Anthropology Annual Meeting, Dallas, TX; Space and Place Initiative, Syracuse University, New York, NY; "Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers" Conference, Chicago, IL.

DEPARTMENT OF BOTANY

Michael O. Dillon

Pontificia Universidad Católica, Quito, Ecuador; 2004 Bromeliad Society International World Conference, Chicago, IL; 10th Peruvian Botanical Congress, Trujillo, Peru; Universidad Ricardo Palma, Lima, Peru; III Congreso Peruano de Ecología, Arequipa, Peru; XLVII Reunión Anual de la Sociedad de Biología de Chile and XVI Reunión Anual de la Sociedad de Botánica de Chile, Pucú, Chile; Centro de Estudios Avanzados en Zonas Áridas – Universidad de La Serena, La Serena, Chile.

Eve Emshwiller

XI Congreso Internacional de Cultivos Andinos, Cochabamba, Bolivia; Annual Meeting of the Society for Ethnobiology, Davis, CA; Instituto Nacional de Investigación e Extensión Agraria (INIA), Huancayo and Lima, Peru.

Sabine M. Huhndorf

Deep Hypha Meeting, Knoxville, TN; Mycological Society of America Annual Meeting, Asheville, SC; Fifth NSF PEET (Partnership for Enhancing Expertise in Taxonomy) Workshop, Champaign, IL; Tennessee Mycoblitz, Knoxville, TN.

Stefanie Ickert-Bond

Botanical Society of America, Annual Meeting, Salt Lake City, UT.

Patrick R. Leacock

Mycological Society of America Annual Meeting, Asheville, NC; Mid Continental Mycology Meeting, Madison, WI; Great Lake States Annual Smith Foray and Meeting, Wisconsin Dells, WI; 2004 Chicago Joint Conference on the Environment, University of Illinois at Chicago; Natural Areas Association Conference, University of Illinois at Chicago; Chicago Wilderness Congress, DePaul University, Chicago, IL.

Robert L.cking

International Association for Lichenology, Tartu, Estonia; Organizer, International Workshop on Tropical Lichenology, Las Cruces Biological Station, Costa Rica.

Thorsten Lumbsch

Annual Meeting of the British Mycological Society, Nottingham, UK; Annual Meeting of the Deutsche Botanische Gesellschaft, Braunschweig, Germany; Annual Meeting of the Mycological Society of America, Asheville, NC; IAL5 - International Association for Lichenology, Tartu, Estonia; Jornadas - Spanish Lichenological Society, La Rioja, Spain; Mid Continental Mycology Meeting, Madison, WI; Lichen-Bioquest, Great Smoky Mountains National Park, TN; Senckenbergmuseum Frankfurt, Germany; Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Great Smoky Mountains Mycoblitz, Knoxville, TN; Mycological Society of America Annual Meeting, Asheville, NC; North American Mycological Association Annual Meeting, Asheville, NC; Webwise Conference sponsored by Institute of Museum and Library Services, Chicago, IL; Mid Continental Mycology Meeting, Madison, WI; Great Lakes Smith Foray and Meeting, Dells, WI; Missouri Botanical Garden Annual Fall Symposium, St. Louis, MO; Invited Participant in NSF sponsored workshop on Herbarium Networks, Michigan State University, MI.

Christine Niezgoda

19th Annual Meeting of the Society for the Preservation of Natural History Collections, American Museum of Natural History, New York.

Richard Ree

“Databases for Plant Systematics” workshop, Gainesville, FL; Society for the Study of Evolution/Society of Systematic Biologists, Fort Collins, CO; Department of Botany, University of Wisconsin at Madison.

Imke Schmitt

Mycological Society of America, Asheville, NC; International Association for Lichenology, Tartu, Estonia; Hans-Kn^{II}-Institute for Natural Product Research, Jena, Germany; University of Halle, Halle, Germany; The Field Museum Seminar Series, Chicago, IL.

D. Doel Soejarto

American Society of Pharmacognosy, Phoenix, AZ; Antimalarial Screening Workshop, Bethesda, MD; Biodiversity Conservation at Cuc Phuong National Park, Nho Quan-Ninh Binh, Vietnam; ICBG Network Meeting, Bethesda, MD; Journal of Ethnopharmacology Editorial Board Meeting, Phoenix, AZ; UIC ICBG Annual Meeting, Hanoi, Vietnam.

Betty Strack

Mycological Society of America Annual Meeting, Asheville, NC; Great Smoky Mountains Mycoblitz, Knoxville, TN; North American Mycological Association Annual Meeting, Asheville, NC; Great Lakes Smith Foray and Meeting, Dells, WI.

Gayle Tonkovich

Chicago Wilderness Congress, Chicago, IL.

Jun Wen

Botany 2004 Meetings, American Society of Plant Taxonomists, Snowbird, UT; *Flora Malesiana* Symposium, Los Banos, the Philippines; North Carolina State University, Raleigh, NC; University of Texas, Austin, TX; University of Chicago, Chicago, IL; The National Museum of Natural History, The Smithsonian Institution, Washington, DC.

Nora Wirtz

Deutsche Botanische Gesellschaft Annual Meeting, Braunschweig, Germany; 5th International Association for Lichenology Symposium, Tartu, Estonia; Mid Continental Mycology Meeting, Madison, WI.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Janis Alcorn

Bridging Scales and Epistemologies “Millennium Ecosystem Assessment” Workshop, Alexandria, Egypt; Invited speaker, International Association for the Study of Common Property, Oaxaca; MAP (Madre de Dios, Acre, Pando) Annual Meeting, Pto Maldonado.

Hannah Anderson

“Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers” Conference, Chicago, IL; Awardee for best website, Association of American Geographers, Philadelphia, PA; Conference on Chicago Research and Public Policy, Chicago, IL; Globalization Conference, University of Chicago; Invited Speaker, “Communities of Calumet” Museum of Contemporary Art, Jennifer Monson Bird Brain Dance, Chicago, IL; Shore Bank, Chicago, IL; USDA Forest Service North-Central Research Station, Evanston, IL; Calumet Government Working Group, Chicago, IL; Donneley Foundation, Chicago, IL; Calumet Stewardship Initiative, Chicago, IL; Pullman Civic Organization, Chicago, IL.

Rosa Cabrera

Great Places, Great Debates: Opening Historic Sites to Civic Engagement Conference, New York, NY; “Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers Conference,” Chicago, IL; American Association of Museums Annual Meeting, New Orleans, LA.

Mary L. Doi

“Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers” Conference, Chicago.

Josh Ostergaard

NINE: A Journal of Baseball History and Culture Annual Meeting, Tucson, AZ; The Cooperstown Symposium on Baseball and American Culture, Cooperstown, NY; “Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers” Conference, Chicago, IL.

Rebecca Severson

The Changing Face of Metropolitan Chicago Conference, Chicago, IL; Conference on Chicago Research and Public Policy, Chicago, IL.

Madeleine Tudor

“Crossroads: Critical Issues in Community-Based Research Partnerships” Conference, Hartford, CT; Conference on Chicago Research and Public Policy, Chicago, IL; “Using the Past to Shape the Future: Addressing Civic Issues at Historic Sites, Museums and Cultural Centers” Conference, Chicago, IL.

Alaka Wali

(see Department of Anthropology)

ENVIRONMENTAL AND CONSERVATION PROGRAMS**Michael Cepek**

Workshop on the Anthropology of Latin America, University of Chicago; “Interdisciplinary Christianities” Workshop, University of Chicago.

Douglas F. Stotz

Illinois Important Bird Area Technical Committee, Champaign, IL; American Ornithologists’ Union, Quebec, Canada.

Corine F. Vriesendorp

Training Course Cordillera Azul Park Guards, Tarapoto, Peru; Peter Marks/Monica Geber Lab Group, Cornell University, Ithaca, NY.

DEPARTMENT OF GEOLOGY

Ian Glasspool

International Organization of Paleobotany VII, Bariloche, Argentina; Organiser of Linnean Society Paleobotany Specialist Group Field Meeting, Kent, UK.

Philip E. Janney

Lunar and Planetary Science Conference, Houston, TX; Goldschmidt Conference, Copenhagen, Denmark; Department of Geophysical Sciences, University of Chicago, Chicago, IL.

Scott Lidgard

International Bryozoology Association Conference, Concepcion, Chile.

Peter J. Makovicky

64th Annual meeting of the Society of Vertebrate Paleontology, Denver, CO; National Science Foundation-“Assembling the Tree of Life” PI meeting, Washington DC; Invited Lecture, University of Iowa, Dept of Geoscience; Invited lecture, Loyola University, Chicago.

Jenny McElwain

Invited Lecture, International Organization of Paleobotany VII, Bariloche, Argentina; Invited Lecture, Geological Society of America, Denver, CO; American Geophysical Union, San Francisco, CA.

Olivier Rieppel

64th Annual Meeting of the Society of Vertebrate Paleontology, Denver, CO; Symposium on “Evolution of Squamates,” Linnean Society of London; Walter Arndt Lecture, Berlin; Plenary Lecture, 7th International Congress of Vertebrate Morphology; JournÉes 2004 de la SociÉtÉ FranÁaise de SystÉmatique: Philosophie de la SystÉmatique, Paris; Seminar, Department of Geology and Geophysics, Yale University, New Haven, CT.

Akiko Shinya

Society of Vertebrate Paleontology Annual Meeting, Denver, CO.

Constance Van Beek

Society of Vertebrate Paleontology Annual Meeting, Denver, CO; “Paleohistology Techniques” Workshop, SVP 2004, Denver, CO.

Meenakshi Wadhwa

Lunar and Planetary Science Conference, Houston, TX; European Geosciences Union Meeting, Nice, France; Invited Lecture, Third Harvard-Smithsonian Conference in Theoretical Astrophysics, Cambridge, MA; “Oxygen,” Department of Biological Sciences, Chicago, IL; Invited Lecture, Iota Sigma Pi Meeting, Chicago Chapter, Chicago, IL.

Peter J. Wagner

UNITAS meeting, Perth; Phanerozoic Diversity Working Group, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA; Paleobiology Database Advisory Board, NCEAS, Santa Barbara, CA; Invited Lectures, NCEAS, Santa Barbara, CA and Smithsonian, Washington, D.C.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Annual American Elasmobranch Meeting, Norman, OK; Invited Lecture, University of Chicago’s Noon Seminar Series (April and November, 2004).

DEPARTMENT OF ZOOLOGY

John M. Bates

Co-author, invited symposium on "Conservation in Areas of High Human Population Density in Sub-Saharan Africa," Society for Conservation Biology, New York, NY; Invited speaker, Natural History Seminar Series, University of Chicago; Participant, African Tropical Biodiversity Training Program Reunion Symposium, Makerere University, Uganda.

Rüdiger Bieler

World Congress of Malacology, Perth, Western Australia; Organizer, International Symposium on Bivalve Systematics, World Congress of Malacology, Perth, Western Australia; American Malacological Society, Sanibel, FL; Ecological Statistics Workshop, New Orleans, LA; Co-organizer, Studienstiftung des Deutschen Volkes, Field Museum (the German National Academic Foundation).

Jochen Gerber

"Great Lakes Mollusk Watchers" Conference, Indiana Dunes, IN; World Congress of Malacology, Perth, Australia.

Steven M. Goodman

"Biodiversity in the Afrotropics," Bonn, Germany; International Bat Conference, Poland; Society of Evolution, CO.

Lawrence R. Heaney

Evolution Discussion Group, Northwestern University; Geology Department, Northwestern University; Association for Tropical Biology and Conservation, Gainesville, FL; Wildlife Conservation Society of the Philippines; American Society of Mammalogists, Arcata, CA.

Robert F. Inger

Invited Lecture, Institute for Biodiversity and Ecological Conservation, University Malaysia Sarawak.

Janeen Jones

The Society for the Preservation of Natural History Collections Annual Meeting, New York, NY.

Maureen Kearney

Invited Presentation, Deep Time working group, NSF Research Coordination Network project, "Missing Data" workshop, George Washington University, Washington, DC; Invited seminar, Cornell University, Ithaca, NY; Invited workshop, National Science Foundation, "Assembling the Tree of Life" PI meeting, NSF, Arlington, VA; Host, Tree of Life squamate working group meeting, The Field Museum, Chicago, IL; Joint Meeting of Ichthyologists and Herpetologists, Norman, OK.

James B. Ladonski

Illinois State Academy of Science, Charleston, IL; Joint Meeting of Ichthyologists and Herpetologists, Norman, OK.

Jennifer M. Mui

HerpNet Georeferencing Workshop, Lawrence, KS.

Alfred F. Newton

"IV Southern Connections" Conference, Cape Town, South Africa; XXII International Congress of Entomology, Brisbane, Australia; NSF-PEET V workshop, Champaign-Urbana, IL.

Bruce D. Patterson

Council on Africa, Field Museum; Texas Society of Mammalogists, Junction, TX; Memphis Zoo, Conservation Lecture Series, Memphis, TN; Oakland Zoo, Oakland, CA; American Society of Mammalogists, Arcata, CA; Buffalo Zoological Gardens, "Lions, Tigers and Bears" Lecture Series,

Buffalo, NY; Department of Biology, Wesleyan University, Middleton, CT; Coastal Institute, University of Rhode Island, Kingston, RI; Earthwatch Institute, Maynard, MA; Harvard Museum of Natural History, Cambridge, MA; Department of Biology, University of Cincinnati, Cincinnati, OH; Behavioral Biology Seminar Series, University of Chicago, Chicago, IL; Earthwatch Institute, Annual PI Conference, Cambridge, MA; 34th Annual North American Symposium on Bat Research, Salt Lake City, UT; Liberal Arts and Sciences, Hillsdale College, Hillsdale, MI; “Carnivore 2004,” Santa Fe, NM.

Alan Resetar

65th Annual Midwest Fish and Wildlife Conference, Indianapolis, IN; HerpNet Georeferencing Workshop, Lawrence, KS; Natural Areas Conference, Chicago, IL.

Mary Anne Rogers

American Society of Mammalogists, Arcata, CA; American Society of Ichthyologists and Herpetologists, Norman, OK.

Petra Sierwald

International Congress of Arachnology, Ghent, Belgium; NSF-sponsored Conference for Principal Investigators of NSF “Assembling the Tree of Life” grants, Washington, DC; Spider AToL meeting, steering committee, Washington, DC; Chair of Steering Committee: 2005 DFG-NSF cosponsored Conference on biodiversity research; Co-organizer, Meeting of the Studienstiftung des Deutschen Volkes (German national Academic Foundation); Invited Seminars, University of Illinois, Champaign-Urbana and Loyola University, Chicago, IL.

Clara R. Simpson

Guild of Natural Science Illustrators Annual Conference, Williamsburg, VA; Watercolor workshop with John C. Dioszegi and Ratindra Das, Reedsburg, WI.

Alexey Yu. Solodovnikov

“IV Southern Connection” Conference, University of Cape Town, South Africa; 19th Annual Meeting on Staphylinidae, Geneva, Switzerland; International Congress of Entomology, XXII, Brisbane, Australia; PEET, 5th Biennial Conference, University of Illinois, Urbana.

William T. Stanley

American Society of Mammalogists, Arcata, CA.

Margaret K. Thayer

“IV Southern Connection” Conference, Cape Town, South Africa; International Congress of Entomology, Brisbane, Australia; PEET V Biennial Conference, Champaign-Urbana.

Takanobu Tsuihiji

Society of Vertebrate Paleontology Annual Meeting, Denver, CO.

Janet R. Voight

Deep Submergence Science Committee (DESSC), Annual Meeting, Portland, OR; Deep Submergence Science Committee (DESSC), Annual Meeting, San Francisco, CA; American Malacological Society Annual Meeting, Sanibel Island, FL; Earth Day Key Note Speaker, Green Mountain College, Poultney, VT; Invited Speaker, Research Seminar Series, The Field Museum, Chicago, IL; Invited speaker, The Women’s Board, The Field Museum, Chicago, IL.

Harold K. Voris

Invited Presentation, The “Snake Ecology Group” (SEG) Workshop V, Southern Illinois University, Carbondale, IL; Department of Biological Sciences and Department of Marine Sciences, Chulalongkorn University, Bangkok, Thailand.

Mark W. Westneat

Society of Integrative and Comparative Biology, New Orleans, LA; American Society of Ichthyologists and Herpetologists, Norman, OK; Society for Systematic Biology and Society for the Study of Evolution, Colorado; Synchrotron X-Ray Imaging of Insect Respiration and Feeding, Argonne National Laboratory and Lake Geneva, WI.

David Willard

American Ornithologist's Union Annual Meeting, Quebec City, Quebec; Grant Park Advisory Committee Panel Discussion on Birds and Grant Park, Chicago, IL.

Philip Willink

American Society of Ichthyologists and Herpetologists, Norman, OK; Illinois State Academy of Science, Charleston, IL; "State of the Region Report Card" workshop for Chicago Wilderness, Naperville, IL.

MUSEUM AND PUBLIC SERVICE, 2004

(Editorships, Committees, etc.)

DEPARTMENT OF ANTHROPOLOGY

Kathleen M. Adams

External: Expert witness/consultant for Indonesian asylum cases; Member, Nominations Committee, Central States Anthropological Society; Editorial Board Member, *The Asia Pacific Journal of Anthropology*; Editorial Advisory Board Member, *Museum Anthropology*, Journal of the Council for Museum Anthropology.

Bennet Bronson

Field Museum: Representative, Field Museum Collections Committee; Acting Chair, Anthropology Department; Chair, Anthropology Department Acquisitions Committee; Co-Chair, Anthropology Department CRC Project; Member, Science Advisory Council.

External: Museum Representative, Chicago Sister Cities Committee; Advisory Committee, Chinatown Museum Foundation; Associate Editor, *ACRO Update*, Asian Ceramics Research Organization.

Elizabeth M. Brumfiel

External: President, American Anthropological Association (AAA); Ex Officio Member: AAA Executive Board, AAA Long-Range Planning Committee, AAA Finance Committee, AAA Resource Development Committee; Course Designer, Task Force on Curriculum, Society for American Archaeology (MATRIX); Advisory Editor, *Current Anthropology*; Member, Editorial Board, *Latin American Antiquity*; Member, Committee of the Americas, Society for American Archaeology.

Winifred Creamer

External: Visiting Professor, Universidad Peruana Cayetano Heredia, Lima, Peru.

L. Antonio Curet

Field Museum: Member, Academic Affairs/Information Technology Committee; Member, Research Seminar Series Committee; Noon Balloon Coordinator, Department of Anthropology; Public Lecture Coordinator, Department of Anthropology.

External: Member, Editorial Board, *Journal of Caribbean Archaeology*; Member, Newsletter Working Group, International Association for Caribbean Archaeology; Member, Religious Education Board, Corpus Christi Catholic Church; Chair, Committee of the Americas, Society for American Archaeology; Chair, International Association for Caribbean Archaeology; Board Member, Puerto Rican Arts Alliance; Archaeological Consultant, City of Ponce, Puerto Rico; UNESCO, Havana, Cuba.

Scott J. Demel

External: Consultant on artifacts for Chicago History Galleries, Chicago Historical Society; Member, Board of Directors, Illinois Association for the Advancement of Archaeology (IAAA); Member, Illinois Archaeological Survey (IAS); Board Member, Midwest Institute for Native American Studies; Coordinator, Cultural Resource Management and salvage archaeology efforts for the CRC project with the Illinois Historic Preservation Agency (IHPA), the Illinois State Museum (ISM), and the Illinois Archaeological Survey (IAS).

Gary M. Feinman

Field Museum: Chair, Department of Anthropology; Member, Anthropology Department Acquisitions Committee; Member, Boone Intern Selection Committee; Member, CCC Intern Selection Committee.

External: Editor, *Journal of Archaeological Research*; Associate Editor, *Journal of World-Systems Research*; Series Editor, *Fundamental Issues in Archaeology*; Advisory Editor, *Foundations of Archaeology*; Advisory Editor, *Cross-Cultural Research*; Board of Editors, American Anthropological Association; Advisory Board, HRAF Collection of Archaeology/*Encyclopedia of Prehistory*; Editorial Advisory Committee, *Latin American Antiquity*; Editorial Consultant, Child's World Publishers; Director, Committee to oversee the Archaeology Research Center at Shandong University, Jinan, China; Member,

National Science Foundation Archaeology Panel; Member, Committee for Monte Alb-n Premio, Cuarta Mesa Redonda de Monte Alb-n, Oaxaca, Mexico; Member, Planning Committee, Mesa Redonda de Monte Alb-n IV, Oaxaca; Outside tenure/promotion review, Vanderbilt University and State University of New York-Binghamton; Symposium Referee, Center for Advanced Study in the Behavioral Sciences (1); Ms. Referee: *Antiquity* (1), *Asian Perspectives* (1), *Current Anthropology* (2), *Latin American Antiquity* (1), University of Arizona Press (1), University of Utah Press (1); Grant referee, National Endowment for the Humanities (1), and National Geographic Society (1).

Jonathan Haas

Field Museum: Member, CRC Task Force; Member, Department of Anthropology Acquisitions Committee; Chair, Repatriation Committee; Member, Deaccession Committee; Curatorial Liaison, Cultural Collections Committee.

External: Proposal Reviewer, National Science Foundation; Proposal Reviewer, National Geographic Society; Manuscript Reviewer, *Current Anthropology*, *Latin American Antiquity*, *Journal for Field Archaeology*, University of Florida Press and University of Arizona Press; Advisory Board, Human Relations Area Files Collection of Archaeology and Outline of Archaeological Traditions; Newberry Library Committee for Institutional Cooperation, American Indian Studies Consortium, Annual National Research Conference; Adjunct Professor, Department of Anthropology, University of Illinois at Chicago; Adjunct Faculty, Department of Anthropology, Northern Illinois University.

Chapurukha Kusimba

Field Museum: Member, Scholarship Committee.

External: Member, Committee of Graduates Program, University of Illinois at Chicago; Peer Reviewer: National Science Foundation, National Geographic Society, National Endowment for the Humanities, *Archaeology Magazine*, *African Archaeological Review*; Editorial Committee, *South African Archaeological Bulletin*.

John Maniatis

Field Museum: Member, Cleanup Week Committee.

Robert D. Martin

Field Museum: Member: VP Docket, Finance Council, Repatriation Committee, Common Ground Database Committee; Committee Chair: Academic Affairs Management Group, CRC Task Force; Organizer, Collections and Research Committee of the Board of Trustees; Participant: Board of Trustees, Orientation for New Trustees, Founders' Council meetings, Women's Board meetings, International Council meetings; Co-Organizer: Parker/Gentry Award, Founders' Council Award of Merit.
External: Member, External Scientific Advisory Committee, Duke University Primate Center; Member, Scientific Advisory Committee, NSF-supported Integrated Primate Biomaterials and Information Resource.

Stephen E. Nash

Field Museum: Professional Staff Representative, Academic Affairs; Member, Disaster Plan Committee, Department of Anthropology.

External: Co-Chair, History of Archaeology Interest Group, Society for American Archaeology.

Linda Nicholas

External: Editorial Assistant, *Journal of Archaeological Research*, *Fundamental Issues in Archaeology*.

Christopher J. Philipp

Field Museum: Member, Regenstein Laboratory Development Committee.

John Edward Terrell

Field Museum: Member, Regenstein Endowment Committee; Member, AA Database Task Force Committee; Member, Anthropology CRC Move Committee; Member, Anthropology Accessions Committee; Member, Anthropology Database Committee; Member, Common Ground Project.

Anne P. Underhill

Field Museum: Associate Editor, Anthropology, *Fieldiana*; Member, Disaster Plan Committee, Department of Anthropology; Member, Boone Intern Selection Committee; Boone Intern Program Supervisor; Member, Library Committee.

External: Editorial Board, *Journal of Anthropological Science* (English language journal of the Anthropological Society of Japan); Advisory Board, *Journal of East Asian Archaeology*; Grant Reviewer, National Science Foundation, National Geographic Society; Reviewer, *Journal of Anthropological Archaeology*, *Asian Perspectives*.

Sylvia J. Vatak

External: Member, U.S. Department of Education; Member, Fulbright-Hays Doctoral Dissertation Research Abroad and Faculty Research Abroad review panels for the South Asia region.

Patrick Ryan Williams

Field Museum: Member, Scanning Electron Microscope Committee; Member, GIS/Visualization Laboratory Committee; Member, Temporary Exhibits Committee; Chair, Elemental Analysis Facility Committee.

Alaka Wali

Field Museum: Member, Academic Affairs Management Group; Chair, Curatorial Reappointment Committee, Anthropology Department.

External: Board of Directors, Society for Applied Anthropology; Member, U.S. National Committee of the International Union of Anthropological and Ethnological Sciences Planning Committee; Member, Board of Trustees, The Latin School: High Jump (Program for Talented Minority Youth); Board of Directors, Youth Organization Umbrella (YOU), Evanston.

DEPARTMENT OF BOTANY

Michael O. Dillon

Field Museum: Member, Science Advisory Council; Member, Library Committee; Member, Promotions Committee, Department of Anthropology.

External: Editorial Board, *Flora of Ecuador*, The Netherlands; Manuscript Reviewer, *Systematic Botany*, *Kew Bulletin*; Proposal Reviewer, National Science Foundation, Systematics Program; Visiting Professor, Biological Sciences Faculty, Universidad Ricardo Palma, Lima, Peru, and Universidad Antenor Orrego, Trujillo, Peru; Honorary Professor, Universidad Nacional de Cajamarca, Cajamarca, Peru, Universidad Nacional de Tumbes, Tumbes, Peru, and Universidad Nacional de San Agustín, Arequipa, Peru; Socio Honorario, Colegio de Biólogos del Perú.

Eve Emshwiller

Field Museum: Member, Temporary Exhibit Committee.

External: Council Member, Society of Economic Botany; Member, Graduate Women in Science (GWIS) Eloise Gerry Fellowship Committee; Manuscript Reviewer, *Journal of Ethnobiology*, *Molecular Phylogenetics and Evolution*, *Novon*, and *Plant Genetic Resources Newsletter*; Proposal Reviewer, National Geographic Society.

Susan M. Hamnik

Field Museum: Member, Safety and Security Committee.

Sabine M. Huhndorf

Field Museum: Member, Common Ground Committee, Botany Pilot Project; Associate Editor, *Fieldiana*.

External: Councilor, Systematics and Evolution, Mycological Society of America; Chair, Permits Committee, Mycological Society of America.

Stefanie Ickert-Bond

External: *Ad hoc* Reviewer: *Molecular Phylogenetics and Evolution*, *Kew Bulletin*, *Systematic Botany*.

Maria Lucia Kawasaki

Field Museum: Manuscript Reviewer, *Fieldiana, Botany*.

External: Manuscript Reviewer, *Publicações do Jardim Botânico do Rio de Janeiro*, and *Annals of the Missouri Botanical Garden*; Member, Organization for Flora Neotropica Commission.

Patrick R. Leacock

Field Museum: Project Coordinator for Fungi, vPlants.org; Member, Chicago Wilderness Science Team.

External: Scientific Advisor, Illinois Mycological Association; Contact for mushroom cases, Illinois Poison Control Center; Coordinator, Voucher Collection Committee, North American Mycological Association; Member, Liaison with Amateur Mycological Clubs and Societies Committee, Mycological Society of America.

Thorsten Lumbsch

Field Museum: Member, Management Committee, The Pritzker Laboratory.

External: Editor, *Mycological Research*; Editorial Board, *Anales del Jardín Botánico de Madrid*; Proposal Reviewer, *Norwegian Research Council*; Manuscript Reviewer, *American Journal of Botany*, *Bryologist*, *Current Genetics*, *Lichenologist*, *Mycologia*, *Mycotaxon*, *Nova Hedwigia*.

Gregory M. Mueller

Field Museum: Chair, Department of Botany; Member, Academic Affairs Management Group; Academic Affairs Representative, Technology Subcommittee of Board of Trustees; Member, Field Museum-Monsanto Environmental Education Initiative Steering Committee; Member, SEM Committee; Chair, v-PlantPlus Coordinating Group, joint Field Museum, Morton Arboretum, and Chicago Botanic Garden project; Field Museum/University of Chicago-CEB Liaison for training grants; Member, Common Ground Committee, Botany Pilot Project; Member joint FMNH/U of Chicago Biodiversity Science Center Planning Committee.

External: Chair, Graduate Admissions Committee, Committee on Evolutionary Biology, University of Chicago; International Coordinator, National Fungal Inventory, National Institute of Biodiversity (INBio), Costa Rica; Member (USA representative), Fungi Specialist Group, The World Conservation Union (IUCN) Species Survival Commission; Vice President, Mycological Society of America; Mycological Society of America Representative, International Mycological Association; Member, Distinctions Committee, Mycological Society of America; Chair, Voucher Collection Committee, North American Mycological Association; Member, Science Advisory Committee, Illinois Chapter of The Nature Conservancy; Board Member, Natural Science Collections Alliance; Contact for mushroom cases, Illinois Poison Control Center; Scientific Advisor, Illinois Mycological Association; Member, Organization for Flora Neotropica Commission; Review Panel Member, National Leadership Grants, Institute of Museum and Library Services, Washington, DC.

Christine Niezgoda

Field Museum: Member, Pest Committee, Disaster Planning Committee, and Common Ground Committee, Botany Pilot Project; Botany Liaison with the Marketing Group (for Licensing Tours).

Richard Ree

Field Museum: Alternate Member, Science Advisory Council.

External: Proposal Reviewer, National Science Foundation, Sigma Xi; Manuscript Reviewer, *International Journal of Plant Sciences*, *Molecular Phylogenetics and Evolution*.

D. Doel Soejarto

External: Editor, *Journal of Ethnopharmacology*; Editorial Board, *Actualidades Biológicas*, *Pharmaceutical Biology*, *Advances in Natural Sciences*, *Ethnobotany*; Consultant, Stoney Forensic, Inc.; Coordinator, Medical Ethnobotany of Pharmacognosy Graduate Program, University of Illinois at Chicago; Member, Pharmacognosy Graduate Committee, University of Illinois at Chicago; Director, University of Illinois Pharmacognosy Field Station, University of Illinois at Chicago; Director, Atkins Medicinal Plants Garden, College of Pharmacy, University of Illinois at Chicago.

Gayle Tonkovich

Field Museum: Member, Common Ground Committee, Botany Pilot Project.

Matthew von Konrat

Field Museum: Chair, Research Seminar Series Committee.

Jun Wen

Field Museum: Member, Management Committee, The Pritzker Laboratory; Member, Scholarship Committee; Member, Mid-tenure Evaluation Committee, Department of Zoology; Member (at large), the Science Advisory Council; Member, Evaluation Committee, Academic Affairs/Exhibits Relations.
External: Treasurer, American Society of Plant Taxonomists; Editorial Board, *Systematic Biology*, *Journal of Plant Research*, and *Journal of Integrative Plant Biology*; Editor, *Molecular Phylogenetics and Evolution*; Manuscript Reviewer: *Systematic Botany*, *Journal of Plant Research*, *Oryx*, and *Brittonia*; Proposal Reviewer, NSF – Systematic Biology and Population Biology; Outside Reviewer for tenure evaluation, Department of Ecology and Evolutionary Biology, University of Connecticut.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Rosa Cabrera

The Field Museum: Advisory Committee, The Cultural Diversity Alliance.

External: Advisory Committee, *Things in Common* Exhibition, Brooklyn Children's Museum, Multicultural Parent Program, Chicago Public Schools' Office of Language and Cultural Education, and Multiple Voices and Perspectives Program, Chicago Department of Cultural Affairs; Member, Advancing Chicago's Civic Agenda through the Facilities Task Force, Chicago Department of Planning.

Mary L. Doi

External: Board of Directors, Japanese American Service Committee Housing Corporation, Inc., Heiwa Terrace; Board of Directors, Chicago Japanese American Historical Society; Member, Parent Diversity SEED, North Shore Country Day School.

Josh Ostergaard

Field Museum: Associate Editor, Production Manager, *Perspectives on Civic Activism and City Life, III*.

Rebecca Severson

External: Advisor, City of Chicago Department of Planning; Advisor, Draper and Kramer, Lake Park Crescent Mixed Income Development.

Madeleine Tudor

Field Museum: Member, Temporary Exhibits Committee.

Alaka Wali

(see Department of Anthropology).

ENVIRONMENTAL AND CONSERVATION PROGRAMS

Daniel Brinkmeier

Field Museum: Co-Investigator, Project BEATRA, Democratic Republic of the Congo.

Robin B. Foster

External: Research Associate, Smithsonian Tropical Research Institute; Member, Commission for Flora Neotropica; Scientific Board, International Center for Tropical Ecology; Research Associate, Missouri Botanical Garden, and Museo de Historia Nat., Lima, Peru; Trustee and Research Associate, Institute for Botanical Exploration.

Thomas S. Schulenberg

External: Editorial Board, *Bird Conservation International*, and *Cotinga*; Member, South American Checklist Committee, American Ornithologists' Union.

Douglas F. Stotz

Field Museum: ECP liaison, Science Advisory Council.

External: Member, Endangered Species Technical Advisory Committee for Birds, Illinois; Bird Conservation Network Bird Monitoring Committee; South American Checklist Committee, American Ornithologists' Union; Checklist Committee, American Ornithologists' Union; Secretary, Illinois Ornithological Records Committee; Board of Directors, The Wetlands Initiative; Wildlife and Nature Committee, City of Chicago; Lights Out subcommittee of Wildlife and Nature Committee, City of Chicago; Wolf Road Prairie advisory committee; National Audubon Illinois Important Bird Areas Technical Committee; Illinois River Coordinating Council Working Group.

DEPARTMENT OF GEOLOGY**John R. Bolt**

Field Museum:† Chair, Science Advisory Council; Acting Chair, Department of Geology; Member, Temporary Exhibits Committee; Chair, Geology Promotions Committee; Member, *Fieldiana* Editorial Board; Consultant and Signator to Business Enterprises for licensing.
External: Chair, Financial Oversight Committee, Society of Vertebrate Paleontology.

Ian Glasspool

Field Museum: Member, Common Ground Committee, Disaster Planning Committee.

External: Northern European Representative, International Organization of Paleobotany; Secretary and Treasurer, Linnean Society Palaeobotany Specialist Group; Manuscript Reviewer: *Palaeontology*, *Review of Palaeobotany and Palynology*, *Palaeogeography*, *Palaeoclimatology and Palaeoecology*, *Acta Palaeobotanica*.

Lance Grande

Field Museum: Chair, Science Advisory Council; Chair, Field Museum Scholarship Committee; Member, Academic Affairs Management Group; Member, VP Docket; Member, Collections and Research Committee of the Board of Trustees; Member, Common Ground Committee; Member, Publications Committee.

External: Editor, *Journal of Vertebrate Paleontology*; Editorial Board, *Revista*; Romer Prize Committee, Society of Vertebrate Paleontology.

Lori Grove

External: Board of Directors, Maxwell Street Foundation; *Ex Officio* Member, Maxwell Street Foundation Advisory Board and Chair, Programs and Events Committee; Secretary, Pine Lake Association (MI).

Rebekah Hines

Field Museum: Member, Safety and Security Committee.

Philip E. Janney

Field Museum: Member, Elemental Analysis Facility Committee.

Scott Lidgard

Field Museum: Academic Affairs Library Committee; Academic Affairs GIS Committee; Academic Affairs SEM Committee; Geology Department Promotions Committee.

External: Academic Affairs *ad hoc* liaison to Biology Department, University of Illinois at Chicago.

Peter J. Makovicky

Field Museum: Geology representative, Licensing Committee; Geology representative, Research Seminar committee; Geology representative, Scholarship Committee; Member, Special committee for examining relations between Exhibitions and Academic Affairs.

External: Member, Romer Prize Committee for honoring best student presentation, Society of Vertebrate Paleontology 64th Annual Meeting, Denver CO; Moderator, National Science Foundation "Assembling the Tree of Life" PI meeting, Washington DC; Manuscript reviewer for: *Nature*, *Canadian Journal of Earth Sciences*, *Journal of Paleontology*, *Journal of Vertebrate Paleontology*, *Journal of Systematic Paleontology*, *Zoological Journal of the Linnean Society*, and *Cladistics*.

Jennifer C. McElwain

Field Museum: Member, Research Seminar Series Committee; Member, Year of Biodiversity and Conservation Committee; Member, Geology Department Collection Manager Search Committee.

External: Member, Hinds Graduate Research Scholarship Review Committee, University of Chicago; External Expert Advisor, Uppsala University Sweden, Earth Sciences Professor Search; Manuscript Reviewer: *Science*, *Geology*, *Earth and Planetary Sciences Letters*, *PALAIOS*, *Global Change Biology*, *Journal of Quaternary Sciences*, *Quaternary Research*, *Palaeogeography*, *Palaeoclimatology*, and *Palaeoecology*, *Comptes - Rendus de l'Académie des Sciences - PALEVOL*, *Geophysical Research-Earth Surface*; Proposal Reviewer: National Science Foundation, Graduate Women in Science, Natural Environment Research Council, Petroleum Research Fund.

Olivier Rieppel

Field Museum: Chair, Department of Geology; Member, Academic Affairs Management Group; Member, CRC Task Force; Alternate Member, Scholarship Committee; Member, Renovation Committee for *Life Over Time/Evolving Planet*.

External: Editor: *Journal of Vertebrate Paleontology*; Associate Editor: *Zoological Journal of the Linnean Society*, *Amphibia*, *Reptilia*, *Zoologischer Anzeiger*, and *Palaeontologische Zeitschrift*; Editorial Board: *Bulletin de la Société Géologique de France*, *Development and Evolution*, *Zoologische Abhandlungen des Staatlichen Museum f. r Tierkunde*, Dresden; Member, Richard Estes Memorial Award Committee, Society of Vertebrate Paleontology; Member, Honorary Membership Committee, Society of Vertebrate Paleontology.

Meenakshi Wadhwa

Field Museum: Chair, Scholarship Committee.

External: Committee Member: Solar System Exploration Subcommittee of NASA's Space Science Advisory Committee, Moon-Mars Science Linkages (MMSL) Science Steering Group, NASA's Curation and Planning Team for

Extraterrestrial Materials, Council of the Meteoritical Society, Universities Space Research Association's Science Council for Lunar and Planetary Institute.

Peter J. Wagner

Field Museum: Member, Paleobiology Database Advisory Board.

External: Editorial Board, *Palaeontologische Zeitschrift*.

DEPARTMENT OF ZOOLOGY

John M. Bates

Field Museum: Chair, Department of Zoology; Member, Pritzker Lab Management Committee; Organizer, Zoology External Review Committee; Committee Member: Academic Affairs Management Group, Academic Affairs Licensing Committee, Academic Affairs Collection Resource Center Committee, The Field Museum Africa Council, Year of Biodiversity and Conservation Planning Committee; Participant, Collections and Research Committee, International Council, Common Ground Database Committee.

External: Fellow, American Ornithologists' Union; Member, American Ornithologists' Union Collections Committee; Member, Cooper Ornithological Society Student Awards Committee; Board Member, Society of Neotropical Ornithological Society; Zoology Department Liaison with Chicago office of U.S.F.W Service.

Rüdiger Bieler

Field Museum: Head, Division of Invertebrates.

External: Past President on Council, American Malacological Society; North American Editor, *Zoological Journal of the Linnean Society*; Editorial Board, *Malacologia - International Journal of Malacology*, *Archiv für Molluskenkunde*, *The Nautilus*, *The Festivus*, *Iberus*, *The Yuriyagai*, *Acta Zootaxonomica Sinica*, *Malakologische Abhandlungen*, *Papeis Avulsos de Zoologia*, *Arquivos de Zoologia*; Member, Committee on Evolutionary Biology (CEB), University of Chicago; Member, Faculty Appointments Committee, CEB, University of Chicago; Member, NSF external review (on-site visiting committee) service.

Jochen Gerber

Field Museum: Member, Library Committee.

External: Member, "Mollusk of the Year" National Committee, Germany.

Steven M. Goodman

External: Editorial Board, *Faune de Madagascar*, *Mammalia*, *Working Group on Birds of the Malagasy Region*.

Shannon J. Hackett

Field Museum: Head, Division of Birds; Member, Pritzker Lab Management Committee; Member, Academic Affairs Management Group; Manager, High Performance Computing Cluster; Member, Year of Biodiversity and Conservation Planning Committee; Academic Affairs Point Person, Cryogenics Facility Planning; Radiation Safety Officer.

External: Council Member, Society of Systematic Biologists; Editorial Board, *Molecular Phylogenetics and Evolution*; Member, University of Chicago Committee on Evolutionary Biology Student Advisory Committee; Member, NSF Doctoral Dissertation Improvement Grant panel.

Lawrence R. Heaney

Field Museum: Head, Division of Mammals; External Member, Promotions Committee, Department of Geology; Chair, Pest Control Subcommittee, Facilities Advisory Group.

External: Member, Science Advisory Board, Lubee Foundation; Board of Trustees and Editorial Board, Wildlife Conservation Society of the Philippines; Consultant on Philippine issues for Conservation International, National Geographic Society, and World Wildlife Fund; Vice President, American Society of Mammalogists; Advisory Board, Threatened Species Program, Haribon Foundation (Philippines).

Mary Hennen

External: Board Member, Education Committee Chair, and Editorial Board, Illinois Ornithological Society; Board Member, Illinois Bluebird Project; Member, Illinois Audubon Society.

Robert F. Inger

External: Member, Board of Trustees, and Science Advisory Committee, Illinois Chapter, The Nature Conservancy; Member, Illinois State Board of Natural Resources and Conservation; Associate Editor, *Raffles Bulletin of Zoology*; Associate Editor, *Acta Zootaxonomica Sinica*.

Janeen Jones

Field Museum: Member, Common Ground Database Committee.

Maureen Kearney

Field Museum: Member, Research Seminar Series Committee; Member, Scholarship Committee.

External: Member-Executive Council, Herpetologists' League; Member-Board of Governors, American Society of Ichthyologists and Herpetologists; Member-Estes Awards Committee, Society of Vertebrate Paleontology; Elector-Society for the Study of Amphibians and Reptiles; Associate Editor, Morphology and Systematics, *Herpetologica*; Editorial Board, *Copeia*.

James B. Ladonski

Field Museum: Member, Greener Field Committee.

External: Member, Chicago Wilderness Aquatics Task Force; Member, Planning Committee, "Linking Watersheds Conference: Creating a Network for Watersheds Within Chicago Wilderness."

Jennifer M. Mui

External: Member, Illinois Herp Symbol Governing Committee.

Alfred F. Newton

Field Museum: Acting Chair, Zoology Department; Member, Publications Committee; Member, SEM Selection Committee.

External: Member, Editorial Board, *Belgian Journal of Entomology*; Member, Committee for Official List of Family- and Genus-group names in *Coleoptera* (Coleopterists Society representative).

Bruce D. Patterson

Field Museum: Member, Field Museum/UIC Coordination Committee; Member and Chair, Zoology Promotions and Review Committee; Member, Year of Biodiversity and Conservation Planning Committee; Member, Temporary Exhibit Committee; Participant, Zoology External Review.

External: President, American Society of Mammalogists; *Ex Officio* member of 28 standing committees, American Society of Mammalogists; Chair, Public Relations Committee, American Society of Mammalogists; Editorial Board, *Mastozoología Neotropical*, *Publicaciones Especiales*, and *Diversity and Distributions*; Associate Editor, *Mastozoología Neotropical*; Member, New World Marsupials Specialist Group, International Union for the Conservation of Nature/Species Survival Plan; Member, African Lion Working Group, IUCN/SSP; Member, African Lion Genetics Working Group, IUCN/SSP; Member, Chancellor's Advisory Committee, University of Puerto Rico; Member, Bionexus Scientific Advisory Council; Member, Science Advisory Board, Midwest Museum of Natural History.

Martin D. Prydzia

Field Museum: Member, Security and Safety Committee.

Alan Resetar

External: Member, Indiana DNR Nongame Program, Amphibian and Reptile Technical Advisory Committee; Member, Chicago Wilderness Reptile and Amphibian Recovery Plan; Member, Partners in Amphibian and Reptile Conservation; Member, Indiana Academy of Science, Biodiversity and Natural Areas Committee; Member, Porter County (IN) Wildlife Management Advisory Board; Advisory board member, Woodland Savanna Land Conservancy, Valparaiso, IN.

Mary Anne Rogers

Field Museum: Member, Greener Field Committee; Member, Field Museum Pest Control Subcommittee.

External: Member, Collections and Resources Committee, American Society of Ichthyologists and Herpetologists.

Petra Sierwald

Field Museum: Chair, Library Committee; Member, Temporary Exhibits Committee; Member, Research Seminar Series Committee.

External: Editorial Board, *The Journal of Arachnology*, *Journal for Zoological Systematics and Evolutionary Research*.

Clara R. Simpson

External: President, Guild of Natural Science Illustrators.

Alexey Yu. Solodovnikov

External: Reviewer: *Systematic Entomology*, *Zootaxa*, *Deutsche Entomologische Zeitschrift*.

William T. Stanley

Field Museum: Member, Greener Field Committee; Member, Facilities Advisory Group.

External: Member, Resolution Committee; Chair, Systematic Collections Committee (American Society of Mammalogists).

Bryan L. Stuart

External: Manuscript Referee: *Asiatic Herpetological Research*, *Copeia*, *Herpetologica*, *The Herpetological Journal*, *The Natural History Journal of Chulalongkorn University*.

Kevin Swagel

Field Museum: Member, Personnel Committee.

Margaret K. Thayer

Field Museum: Member, Information Technology Committee; Member, Common Ground Database Committee; Coordinator, Insects database planning; Supervisor-trainer, Zoology Department computerized slide-making system and digital photomicrography systems; Acting Head, Division of Insects. External: Editorial Board, *Thomas Say Publications* series (Entomological Society of America); International Advisory Board, *Annales Zoologici*; Member, Editorial Board, *Dugesiana*.

Janet R. Voight

Field Museum: Associate Editor, *Fieldiana*; Member, Promotion and Review Committee; Member, Animal Care and Use Committee; Chair and member, Zoology Department's Pre-review Document Committee; Alternate Member, Science Advisory Council; Participant, Zoology External Review. External: Member, Student Research Award Committee, American Malacological Society; Member, Student Presentation Judging Committee, American Malacological Society; Chief Scientist, R/V ATLANTIS Cruise 11-16.

Harold K. Voris

Field Museum: Head, Division of Amphibians and Reptiles; Zoology Representative, Scholarship Committee; Managing Scientific Editor, *Fieldiana*. External: Editorial Board Member, *The Natural History Journal of Chulalongkorn University*; Member, Board of Trustees and Member, Science Advisory Committee, Illinois Chapter, The Nature Conservancy.

Mark W. Westneat

Field Museum: Member, Science Advisory Council; Chair, Institutional Animal Care and Use Committee. External: Nominating Committee, Society of Integrative and Comparative Biology; Field Museum/University of Chicago Teaching Liaison; Teaching Member, Hinds Fund Committee, University of Chicago.

David Willard

External: Editorial Board, *The Meadowlark*; Member, Illinois Ornithological Records Committee.

Philip Willink

External: Member, All Catfish Species Inventory; Member, Great Lakes Rapid Response Plan; Member, Chicago Wilderness Aquatic Initiative; Member, Goby/Asian Carp Round-Up; Research proposal reviewer, Earthwatch Institute.

FIELD WORK AND RESEARCH TRAVEL, 2004

DEPARTMENT OF ANTHROPOLOGY

Kathleen M. Adams

Field Work: San Juan Capistrano, CA.

Winifred Creamer

Field Work: Norte Chico region, Peru.

Research: Museo Nacional de Antropologia y Arqueologia, Lima, Peru.

L. Antonio Curet

Field Work: Ponce, Puerto Rico.

Research: Ponce, Caguas, and San Juan, Puerto Rico; Maisì, Guantanamo, and Havana, Cuba.

Scott J. Demel

Field Work: Upper Peninsula, MI; Pembroke Township, IL; Chinatown, Chicago, IL.

Research: Spacesaver Corporation, Fort Atkinson, WI; Lake County Discovery Museum, Lake County, IL; CRC Salvage Archaeology Project.

Gary M. Feinman

Field Work: Shandong, China; El Palmillo, Oaxaca, Mexico.

Peter J. Gayford

Field Work: Kenya

Research: The Field Museum, Chicago, IL.

Jonathan Haas

Field Work: Norte Chico region, Peru.

Research: American Museum of Natural History, NY; Museo Nacional de Antropologia y Arqueologia, Lima, Peru.

Chapurukha Kusimba

Field Work: Mount Elgon, Kenya.

Research: Charles University, Prague, Czech Republic.

Robert D. Martin

Field Work: Southern India.

Stephen E. Nash

Field Work: West-central NM, East-central AZ.

Research: Arizona State Museum, Tucson, AZ; University of Arizona, Tucson, AZ; Phoebe Apperson Hearst Museum, Berkeley, CA; Bishop Museum, Honolulu, HI.

Linda Nicholas

Field Work: Shandong, China; El Palmillo, Oaxaca, Mexico.

Christopher J. Philipp

Research: Beloit College Logan Museum of Anthropology, Beloit, WI; Harvard Peabody Museum, Cambridge, MA; Smithsonian Institution (MRC Collections Facility), Washington, DC; University of Pennsylvania Museum, Philadelphia, PA.

Jill Seagard

Field Work: Oaxaca, Mexico.

John Edward Terrell

Research: National Museum of Prehistory, Taitung, Taiwan.

Anne P. Underhill

Field Work: Rizhao area (including Liangchengzhen), southeastern Shandong, China.

Research: Rizhao Museum (Rizhao city) and Shandong University (Jinan city), Shandong, China.

Patrick Ryan Williams

Field Work: Moquegua, Peru; Tiwanaku and Khonko Wankane, Bolivia; Liangchezhen, China.

Research: Museo Contisuyo, Moquegua, Peru.

Alaka Wali

Field Work: Chicago, Illinois.

Research: Pando, Bolivia; Cordillera Azul National Park, Peru.

DEPARTMENT OF BOTANY**Michael O. Dillon**

Field Work: Galapagos Islands, Ecuador; Peru; Chile.

Eve Emshwiller

Field Work: Bolivia, Peru.

Research: Herbario Nacional de Bolivia, La Paz, Bolivia; Herbario Nacional Javier Prado, Lima, Peru; Herbario C sar Vargas, Cusco, Peru.

John J. Engel

Field Work: Tierra del Fuego, Chile.

Sabine M. Huhndorf

Field Work: South Island, New Zealand; Great Smoky Mountains National Park, NC.

Stefanie Ickert-Bond

Field Work: Guangdong Province, China (Nanling, San Ya Tang, Reshui Counties); Long Nang County, Jiangxi Province, China; Hainan, China (Wanning, Lingshui, Baoting, Ledong Counties); Quingyuan County, Zhejiang Province, China; Inner Mongolia, China; Hidalgo, Mexico; Veracruz, Mexico; Puebla, Mexico.

Research: Arizona State University, School of Life Sciences, Tempe, AZ; Chinese Academy of Sciences, Institute of Botany Herbarium, Beijing, China; Chinese Academy of Sciences, South China Botanical Garden Herbarium, Guangzhou, China; Sun Yat Sen University, Institute of Botany Herbarium, Guangzhou, China.

Patrick R. Leacock

Field Work: Chicago region, IL, IN, NC.

Robert Lücking

Field Work: Costa Rica (Hitoy Cerere Biological Station, Monte Alto Forest Reserve, Volcan Tenorio National Park, Las Cruces Biological Station).

Research: Herbarium University of Helsinki, Helsinki, Finland; Herbarium, University of Turku, Turku, Finland; Herbarium Rijksmuseum Stockholm, Stockholm, Sweden; National Institute of Biodiversity (INBio), Santo Domingo, Heredia, Costa Rica; Universidad Nacional Autónoma de México, Mexico City.

Maria Lucia Kawasaki

Research: The New York Botanical Garden, New York, NY.

Thorsten Lumbsch

Field Work: Cordillera Blanca, Peru; Estonia; Great Smoky Mountains National Park, NC, TN; Porcupine Mountains, MI; La Rioja, Spain; Valais, Switzerland.

Research: Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Field Work: Guatemala; Costa Rica; Chicago area; Great Smoky Mountains National Park, TN.

Research: University of Costa Rica, San Jose, Costa Rica; National Institute of Biodiversity (INBio), Santo Domingo, Heredia, Costa Rica; University of Guatemala, Guatemala; University of Tennessee, Knoxville, TN.

Richard Ree

Field Work: Eastern Xizang (Tibet), China.

Research: Harvard University Herbaria, Cambridge, MA; National Herbarium, Beijing, China; Kunming Institute of Botany, Kunming, China; Herbaria at the Munich Botanical Garden, Munich, Germany.

Imke Schmitt

Field Work: Northern and eastern Estonia.

D. Doel Soejarto

Field Work: Vietnam; Laos.

Research: Vietnam; Laos.

Betty Strack

Field Work: Guatemala; Costa Rica; Great Smoky Mountains National Park, TN.

Research: National Institute of Biodiversity (INBio), Costa Rica; University of Guatemala, Guatemala; University of Tennessee, Knoxville, TN.

Gayle Tonkovich

Field Work: Indiana Dunes National Lakeshore, IN.

Matthew von Konrat

Field Work: New Zealand.

Jun Wen

Field Work: Chile; Chongqing, Gansu, Hubei, and Yunnan, China; Luzon, Philippines; Malay Peninsula, Malaysia.

Research: Beijing Institute of Botany, China; Kunming Institute of Botany; Forest Research Institute of Malaysia, Malaysia; Missouri Botanical Garden, MO.

Nora Wirtz

Field Work: Cordillera Blanca, Ancash, Peru.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Janis Bristol Alcorn

Research: Pando, Bolivia.

Hannah Anderson

Field Work: Chicago, IL.

Rosa Cabrera

Field Work: Chicago, IL.

Hilary del Campo

Research: Cordillera Azul National Park, Peru.

Andrea Nogues Berardi

Research: Cordillera Azul National Park, Peru.

Josh Ostergaard

Field Work: Chicago, IL.

Rebecca Severson

Field Work: Chicago, IL.

Alaka Wali

(see Department of Anthropology)

ENVIRONMENTAL AND CONSERVATION PROGRAMS

Daniel Brinkmeier

Field Work: Havana and Santiago de Cuba, Cuba; Tarapoto, Peru; Bermejo, Sucumbios, Ecuador; Pando, Bolivia; Kampala, Uganda; Lwiro, Kivu, Democratic Republic of the Congo.

Michael Cepek

Field Work: Rio Aguarico and Rio San Miguel river basins, Ecuador; Quito, Ecuador.

Robin B. Foster

Field Work: Overflights: Matses territory, Rio Yaquerana, Rio Blanco, Loreto, Peru. Ground Inventory: Bayamesa and Parque Von Humboldt, Eastern Cuba; proposed Megantoni Reserve, Rio Timpia and Ticumpania, Cusco, Peru; Matses territory, Rio Yaquerana, Rio Blanco, Loreto, Peru. Research: Santiago de Cuba, BIOECO; Herbario Vargas, Cusco, Peru; Herbario Amazonas, Iquitos, Peru; Herbario Nacional, Museo de Hist. Nat. and CIMA, Lima, Peru.

Paul Guggenheim

Field Work: Cordillera Azul National Park, Peru.

Kevin Havener

Field Work: Cobiya, Pando, Bolivia.

Douglas F. Stotz

Field Work: Chicago area (Lake Calumet, Swallow Cliff); Hennepin, IL (Wetlands Initiative Restoration Site); Loreto, Peru (Matses Rapid Biological Inventory); Cuba (eastern Cuba Rapid Biological Inventories).

Anne Umali

Field Work: Pando, Bolivia.

Corine F. Vriesendorp

Field Work: Parque Nacional La Bayamesa, Cuba; Parque Nacional Alejandro Humboldt, Cuba; Megantoni, Per.; MatsEs, Per..

DEPARTMENT OF GEOLOGY**Lorie J. Barber**

Field Work: College of Eastern Utah, Cedar Mountain Formation, near Price, UT.

Ian Glasspool

Field Work: Constable Point, East Greenland; Dallas, TX; Oregon.
Research: Department of Geology, Royal Holloway University of London, UK; Natural History Museum, London, UK; Illinois State Museum, Springfield, IL; Michigan State University, East Lansing, MI.

Lance Grande

Field Work: Green River Formation, WY.

Rebekah Hines

Research: Michigan State University, East Lansing, MI.

James Holstein

Field Work: Rio Negro Province, Argentina; Green River Formation, WY.

Philip Janney

Field Work: Duluth Complex, Ely Greenstone, MN; Upper Peninsula, MI (Keeweenawan province, Lake Ellen).

Scott Lidgard

Research: Friday Harbor Laboratories, University of Washington Marine Laboratories, Friday Harbor, WA.

Peter J. Mackovicky

Field work: Deccan Plateau and Madhya Pradesh, India; Big Horn Basin, Wyoming; Rio Negro Province, Argentina; Laiyang, Shandong Province, China.

Research: AMNH, New York; NMNH Smithsonian Institution, Washington D.C.; Institute of Vertebrate Paleontology and Paleoanthropology &

Peking University, both Beijing; Museo Carmen Funes, Plaza Huincul, Argentina; Museo Carlos Ameghino, Cipolletti, Argentina; Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina.

Jenny McElwain

Field Work: East Greenland.

Olivier Rieppel

Field Work: Guizhou Province, China.

Research: Institute of Vertebrate Paleontology and Paleoanthropology, Beijing, China; Humboldt Museum, Berlin, Germany; Senckenberg Museum, Frankfurt, Germany; Hessisches Landesmuseum, Darmstadt, Germany; Geiseltalmuseum, Halle/Saale, Germany.

Marcello Ruta

Research: Museum of Comparative Zoology, Harvard University, Cambridge, MA.

Akiko Shinya

Field Work: Bighorn Basin, WY; Green River Formation, WY.

Constance Van Beek

Field Work: Cloverly Formation, Bighorn Basin, WY.

Meenakshi Wadhwa

Research: University of California at San Diego, San Deigo, CA; Max-Planck-Institute for Chemistry, Mainz, Germany.

Peter J. Wagner

Field Work: Western Australia.

Research: Natural History Museum, London, U.K.

DEPARTMENT OF ZOOLOGY

John M. Bates

Research: Makerere University Museum of Natural History, and Makerere University Institute for Environment and Natural Resources, Kampala, Uganda; Centre de Recherche en Sciences Naturelles, Lwiro, Democratic Republic of Congo; American Museum of Natural History, New York, NY.

Rüdiger Bieler

Field Work: Florida Keys, FL; Rottnest Island and Shark Island, Western Australia; Turks and Caicos Islands.

Research: American Museum of Natural History, New York, NY; Western Australian Museum, Perth, Australia.

Jochen Gerber

Field Work: Illinois.

Steven M. Goodman

Field Work: Parc national de Tsimanampetsotsa, RÈserve SpÈciale d'Analamerana, Andavokoera, Parc National d'Ankarana, Tampolo, Fenerive-Est, Anjajavy, Betsakoa, Anjohibe, and caves in the vicinity of Mahajanga, Madagascar.

Research: Museum of Comparative Zoology, Harvard University, Cambridge, MA; Zoologisches Museum Alexander Koenig, Bonn, Germany; Museum für Naturkunde, Humboldt Universität zu Berlin, Berlin, Germany; Muséum National d'Histoire Naturelle, Paris, France; Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands; The Natural History Museum, London, U.K.; Parc Botanique et Zoologique de Tsimbazaza, Université d'Antananarivo, Département de Biologie Animale, Antananarivo, Madagascar.

Shannon J. Hackett

Research: American Museum of Natural History, New York, NY; Smithsonian Museum of Natural History, Washington, DC.

Lawrence R. Heaney

Field Work: Mt. Banahaw, central Luzon, Philippines; mountains of southern Utah.

Research: Utah Museum of Natural History, Salt Lake City, UT; National Museum of Philippines, Manila.

Robert F. Inger

Field Work: Sarawak, Malaysia.

Maureen Kearney

Research: University of Texas, Austin, TX.

Jennifer M. Mui

Field Work: Illinois.

Alfred F. Newton

Field Work: Republic of South Africa; Western Australia and Queensland, Australia; Illinois.

Research: South African Museum, Cape Town; Natal Museum, Pietermaritzburg; Transvaal Museum and South African National Collection, Pretoria (all South Africa); Western Australian Museum, Western Australia Department of Agriculture, Perth; Queensland Museum, Queensland Department of Primary Industry, University of Queensland Department of Entomology, Brisbane; Department of Primary Industry, Mareeba; Rainforest CRC at James Cook University, Cairns (all Australia).

Bruce D. Patterson

Field Work: Tsavo East National Park, Taita and Rukinga Ranches, Kenya.

Research: National Museum of Natural History, Washington DC; Oakland, CA; Sacramento, CA; San Francisco, CA; Vallejo, CA; Des Moines, IA; Brookfield, IL; Coal Valley, IL; Chicago, IL; Peoria, IL; Salina, KS; Topeka, KS; Wichita, KS; Alexandria, LA; Monroe, LA; New Orleans, LA; Kansas City, MO; St. Louis, MO; Memphis, TN; Boyd, TX; Dallas, TX; Ft Worth, TX; Houston, TX; Lufkin, TX; Tyler, TX.

Alan Resetar

Field Work: Indiana.

Petra Sierwald

Field Work: Cook County Forest Preserves, Illinois.

Alexey Yu. Solodovnikov

Field Work: Republic of South Africa; Australia (Queensland and Western Australia).

Research: Transvaal Museum of Natural History, Pretoria; South African National Collection of Insects, Pretoria; South African Museum, Cape Town (all South Africa); Department of Agriculture of Western Australia, Perth; Queensland Museum, Brisbane; Queensland Department of Primary Industry, Indoorpilly and Mareeba, Queensland (all Australia); Canadian National Insect Collection, Ottawa, Canada; MusÈum d'histoire Naturelle, Geneva, Switzerland.

William T. Stanley

Field Work: Malundwe Mountains, Tanzania; Mt. Mulanje, Malawi.

Research: Iringa, Morogoro, Mbeya, Dar es Salaam, Tanzania; Mulanje, Malawi.

Bryan L. Stuart

Field Work: Northeastern Thailand.

Margaret K. Thayer

Field Work: South Africa; Western Australia and Queensland, Australia; IL.

Research: South African Museum Cape Town; Natal Museum, Pietermaritzburg; Transvaal Museum and South African National Collection, Pretoria (all South Africa); Western Australian Museum and Department of Agriculture, Perth; Queensland Museum and Queensland Department of Primary Industry, Brisbane; Department of Primary Industry, Mareeba; Rainforest CRC at James Cook University, Cairns (all Australia).

Takanobu Tsuihiji

Field Work: Chinle Formation, UT; Gobi Desert, Mongolia.

Janet R. Voight

Field Work: North Pacific Ocean.

Harold K. Voris

Field Work: Central, eastern, and southern Thailand.

Mark W. Westneat

Field Work: Kauai, HI; Lake Michigan, IL; Tenerife, Spain.

Research: Argonne National Laboratory, Chicago, IL.

David Willard

Field Work: Malawi.

Research: Minnesota Department of Natural Resources regional offices; Bay Beach Wildlife Sanctuary, Green Bay WI; Principia College, Elsau, IL; International Crane Foundation, Baraboo WI.

Philip Willink

Field Work: Coppename River, Suriname; Pando, Bolivia; Gulf of Mexico, Alabama; Chicago Region, IL, IN, and WI.

PUBLIC EDUCATION AND OUTREACH, 2004

(Exhibits, Informal Education, Public Presentations, etc.)

DEPARTMENT OF ANTHROPOLOGY

Tristan Almazan

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Table presentation, Cultural Collections Committee, State of the Collections Address.

Brian S. Bauer

Exhibit Development: Reorganized the Andahuaylas City Museum, in Andahuaylas, Peru.

Bennet Bronson

Exhibit Development: Co-Curator, *Splendors of China's Forbidden City: The Glorious Reign of Emperor Qianlong*; Co-Curator, Hall of Jades renovation.

Public Presentations: 19 public lectures given in connection with *Splendors of China's Forbidden City: The Glorious Reign of Emperor Qianlong* exhibit.

Elizabeth M. Brumfiel

Public Presentations: Presentation, Friends of Anthropology, Northwestern University.

Sarah Coleman

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Table presentation, Cultural Collections Committee, State of the Collections Address.

Winifred Creamer

Public Presentations: Colegio Miguel Grau, Paramonga, Peru.

Media Development: Newspaper interviews: *Chicago Tribune*, *Chicago Sun Times*, *The Daily Herald* (Naperville), *El Correo* (Madrid), *La Tercera* (Santiago, Chile); Radio interviews: *WBEZ*, Chicago; *BBC News World Edition*, London; *Radio Fortaleza*, Barranca, Peru.

Other: Career Day, Franklin Middle School, Wheaton.

L. Antonio Curet

Exhibit Development: Content Specialist, *Americas* project.

Public Presentations: Heritage Lakes Elementary School, Carol Stream, IL; Jay Stream Middle School, Carol Stream, IL; Lecture, Centro Ceremonial de Tibes, Ponce, Puerto Rico; Lecture, Puerto Rican Cultural Center, Humboldt Park, Chicago.

Scott J. Demel

Exhibit Development: Updated the exhibition *Trash to Treasure: Salvage Archaeology in The Field Museum's Backyard*; Consultant, *Americas* project; Consultant, *Regenstein Laboratory*.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Magazine Interview, *Preservation Magazine*; Newspaper interview, *The Wall Street Journal*; Television interviews: Channel 2 - Eye On Chicago; Illinois Channel TV series.

Other: Various CRC tours and updates; Visiting researcher assistance with Illinois archaeological collections.

Gary M. Feinman

Exhibit Development: Content Advisor, *Americas* project.

Education Programs: Electronic field trip, emails from the field (China, Mexico).

Public Presentations: Spurlock Museum, University of Illinois, Champaign-Urbana; Bienes Comunes, Matatlán, Oaxaca, Mexico; Community Assembly, Matatlán, Oaxaca, Mexico; Telesecundaria, Matatlán, Oaxaca, Mexico; Public lecture, Matatlán, Oaxaca, Mexico.

Media Development: Magazine articles: *Illustreret Videnskab*, Copenhagen; *In The Field* (summer); Newspaper interviews: *Noticias*, Oaxaca, Mexico; *Chicago Tribune*; *Orlando Sentinel*; Television interviews: WBBM, Chicago; Atlantis program by Kurtis Productions on the History channel; Telemundo.

Other: Film proposal referee for Home Vision Entertainment; Questionnaire consultant, US Dept. of Labor; Media event for opening of *Regenstein Laboratory* at The Field Museum; Interviews by high school students from Yorkville High, Dwight School, Chicago; Various behind-the-scenes tours.

Jonathan Haas

Exhibit Development: Content Advisor, *Americas* project, re-opening of the *Pawnee Earth Lodge*, *Machu Picchu: Unveiling the Mystery of the Incas*, .

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Presentation on Ancient Americas Exhibit, Sidley, Austin and Brown law firm; Presentation on Ancient Americas Exhibit, Town and Country Arts Club.

Media Development: Newspaper interviews: *Chicago Tribune*, *Chicago Sun Times*, *The Daily Herald* (Naperville), *New York Times*, *Washington Post*, *Los Angeles Times*, *Associated Press*, *Discover*, *Archaeology*, *El Correo* (Madrid), *La Tercera* (Santiago, Chile); Radio interviews: *WBEZ*, Chicago; *BBC News World Edition*, London; *Radio Fortaleza*, Barranca, Peru.

Other: Various behind-the-scenes tours.

Chapurukha Kusimba

Education Programs: Education consultant: Africa, the *Africa* Exhibit and the African Collection to High School Teacher Programs.

Public Presentations: Invited Lecture, United States Embassy in the Czech Republic Prague, Czech Republic; Invited Lecture, United States Embassy in the Czech Republic, Pardubice, Czech Republic; Invited Lecture, St Emmanuel's High School, Kibingei.

Other: Reviewer, Proposals on the tomb of Unis Ankh, Charles University, Prague, Czech Republic.

John Maniatis

Education Programs: *Year of Biodiversity and Conservation*, Scientist on the Floor; Field Museum Behind-the-Scenes Event 2004.

Other: Cultural Collections Committee presentation.

Joanna Minderop

Education Programs: Co-presented "That is made of WHAT??" The Field Museum; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Lecture for *Jacqueline Kennedy: The White House Years* docent training.

Media Development: *Regenstein Laboratory* media opening.

Robert D. Martin

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*;

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Lectures, National Geographic Live! 2004:

Teachers' Workshop, The Field Museum; Invited lecture, Secular Humanist Society of Chicago.

Media Development: Numerous newspaper, magazine and radio interviews, Profiled in *Discover* magazine.

Other: Various behind-the-scenes tours.

Stephen E. Nash

Exhibit Development: Content consultant, *Americas* project; Design committee, *Regenstein Laboratory*.

Education Programs: *Art Resources in Teaching* program, with Crow Canyon Archaeological Center and Chicago Public Schools.

Public Presentations: Lecture, Montgomery Place Retirement Community, Chicago.

Web Projects: Consultant on Museum Loan Network-funded web sites; National Endowment for the Arts Chinese Textile Collection web site; Paul S. Martin Collection web site.

Other: Various behind-the-scenes tours.

Linda Nicholas

Education Programs: Digital images for Gary Feinman's emails from the field (China, Mexico).

Public Presentations: Bienes Comunes, Matatlán, Oaxaca, Mexico; Community Assembly, Matatlán, Oaxaca, Mexico; Telesecundaria, Matatlán, Oaxaca, Mexico; Public lecture, Matatlán, Oaxaca, Mexico.

Media Development: Magazine articles: *Illustreret Videnskab*, Copenhagen; *In The Field* (summer); Newspaper interviews: *Noticias*, Oaxaca, Mexico; *Chicago Tribune*.

Christopher J. Philipp

Exhibit Development: Team/Committee Member, *Regenstein Laboratory*.

Jill Plitnikas

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Lecture, *Jacqueline Kennedy* docent training.

Media Development: Participation in *Regenstein Laboratory* media opening.

Other: Various behind-the-scenes tours.

Cheryl Podsiki

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: *Regenstein Laboratory* media opening.

Katherine Ridgway

Education Programs: Workshop, *Caring for Your Collections*.

Other: Various behind-the-scenes tours; Courier, FMNH objects going on loan to the Tokyo National Museum, Tokyo, Japan.

Helen Robbins

Education Programs: Field Museum Behind-the-Scenes Event 2004; Lecture, Northwestern University class, The Field Museum, Chicago; Presentation, The Field Museum Education Department, Chicago.

Media Development: *Stolen Spirits of Haida Gwaii*, *The Sharing Circle*.

John Edward Terrell

Exhibit Development: Content Specialist, Regenstein Conservation Laboratory.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Founders' Council Special Interest dinner.

Anne P. Underhill

Exhibit Development: Content Specialist, *Hall of Jades* renovation.

Education Programs: Public lecture, Field Museum Behind-the-Scenes Event 2004; Lecture, *Splendors of China's Forbidden City: The Glorious Reign of Emperor Qianlong* exhibit Docent Training Workshop; Introduction, the National Geographic series lecture by Michael Yamashita, "Journey with Marco Polo."

Public Presentations: Local Women's Discussion Club; James Madison High School students; Introduction of Professor John Woods, Cultural Collections Committee event, *The Story of the Weeping Camel* film presentation, Chicago; Introduction, public lecture, "Mysteries of a Tibetan Buddhist Monastery," by Professor Mark Aldenderfer and Thomas Pritzker.

Media Development: Newspaper articles: *Rizhao Ribao* (Shandong, China), *Korea Times*, *The Korea Daily*; Newspaper interview, *Rizhao Ribao* (Shandong, China); TV interviews: WOCH-TV, Chicago, and in Rizhao, China.

Web Projects: Supervisor, *Women of Japan*, new section for Boone Collection web site.

Other: Various behind-the-scenes tours; Co-hosted visit by the National Geographic Society, Committee for Research and Exploration, Rizhao, Shandong, China (assisted by Deborah Bekken); Hosted (with Ben Bronson, Isabel Tovar) visits by Korean Consulate and others.

Patrick Ryan Williams

Exhibit Development: Content Specialist, *Machu Picchu: Unveiling the Mystery of the Incas*.

Education Programs: Coordinator, *Machu Picchu: The Curators' Lecture Series*.

Media Development: Newspaper interviews: Chicago Sun Times, New York Times, Gainesville Sun, Science News, Dig magazine, Associated Press, Reuters, Popular Science, Peru21, El Comercio; TV/Radio interviews: ABC News, TV20 Gainesville, Telesur (Peru), Radio Galaxia (Peru); Newspapers/magazines: *Science*, *The Week*, *The Times* (London), *Toronto Star*, *Toronto Sun*, *New York Post*, *Boston Globe*, *Seattle Post-Intelligencer*, *Calgary Herald*, *Minneapolis Star Tribune*, *Providence Journal*, *Charleston Post and Courier*, *Edmonton Journal*, *Charlotte Observer*, *Biloxi Sun Herald*, *Tucson Citizen*, *Tampa Tribune*, *Monterey Herald*, *Melbourne Sunday Morning Herald* (Australia), *Billings Gazette*, *Washington Post*, *WLS*, *PNN*, *LA Times*, *Miami Herald*, *Fort Worth Star Telegram*, *Sydney Morning Herald* (Australia), *New York Times*, *Science News*.

Web Projects: Online articles: *BBC.com*, *ABC.com*, *CNN.com*, *MSNBC.com*, *NewOrleansChannel.com*, *Chicagoist*, *Yahoo!News*, *Eureka!Alert Top 10 Science News Stories 2004*.

Alaka Wali

Exhibit Development: Content Specialist, *Americas* project; Content Specialist, *Jacqueline Kennedy: The White House Years* exhibit.

Education Programs: Field Museum Behind-the-Scenes Event 2004

Public Presentations: Presentations for the Cultural Connections Programs including 2004 Kick-off event; Presentations on *Jacqueline Kennedy: The White House Years* exhibit, The Women's Board; Field Museum Board of Trustees.

Other: Various behind-the-scenes tours.

DEPARTMENT OF BOTANY**Michael O. Dillon**

Education Programs: Field Museum Behind-the-Scenes Event 2004; Presentation, Year of Biodiversity and Conservation.

Web Projects: Developer, Andean Botanical Information System web site (www.sacha.org.)

Other: Various behind-the-scenes tours; presentation, International Council Meeting; presentation for Institutional Advancement.

Eve Emshwiller

Exhibit Development: Content advisor, *Americas* project.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

John J. Engel

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Stefanie Ickert-Bond

Public Presentations: Scientist on the Floor, Asian Biodiversity, Year of Biodiversity and Conservation.

Other: Presentation, Women's Board, Field Dreams' Program.

Patrick R. Leacock

Education Programs: Field Museum Behind-the-Scenes Event 2004; Instructor, *Fungi of Northern Illinois*, Morton Arboretum Naturalist Certification Program.

Public Presentations: Invited lecture, Illinois Mycological Association; Invited lecture, North Park Village Nature Center, Chicago; Invited lecture, Tekakwitha Woods Forest Preserve, Kane County.

Tours and Field Trips: Swallow Cliff Woods field trip, Field Museum Biodiversity Explorers; field trips, Illinois Mycological Association.

Web Projects: Content and design developer, *vPlants.org* web site; content developer, *North American Mycological Association Voucher Program* web site.

Other: Various behind-the-scenes tours.

Robert L.cking

Web Projects: Developer, *Ticolichen* web site, (www.fieldmuseum.org/ticolichen).

Other: Various behind-the-scenes tours; Scientific career insight for student group.

H. Thorsten Lumbsch

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Publication, *Biologue*.

Tours and Field Trips: Tour Leader, Lichen Bioquest, TN.

Gregory M. Mueller

Education Programs: expeditions@fieldmuseum program on Surveying Costa Rican Mushrooms; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Illinois Mycological Association, Chicago, IL; Wisconsin Mycological Club, Milwaukee, WI; Gibson Woods chapter of Wild Ones, Hammond, IN.

Media Development: *Sun Times* article on vPlantsPlus; *Sun Times* article on couples in the workplace.

Other: Presentation, Founders Council Annual Meeting; Costa Rican National Biodiversity Institute (INBio) Annual Winter Meeting; Presentation, Board of Trustees on Year of Biodiversity and Conservation; Presentation, Founders Council Outreach Dinner hosted by Scott Marks.

Richard Ree

Web Projects: Developer, *Biodiversity of the Hengduan Mountains* web site/database.

Other: Various behind-the-scenes tours.

D. Doel Soejarto

Public Presentations: Poster Presentation, "Studies on Biodiversity of Vietnam and Laos: Accomplishments, 1998-2003"; ICBG Network Meeting.

Tours and Field Trips: Cuc Phuong National Park, Vietnam, Tour Guide to Hotpsot #43.

Web Projects: Updating Atlas of Seed Plants of Cuc Phuong National Park, <http://uic-icbg.pharm.uic.edu/>. Other: Workshop Organizer, Biodiversity at Cuc Phuong National Park.

Betty Strack

Education Programs: expeditions@fieldmuseum program on Surveying Costa Rican Mushrooms.

Media Development: *Sun Times* article on couples in the workplace.

Gayle Tonkovich

Education Programs: Presentation, Chicago Environmental Education Program Inquiry Group at The Field Museum; Field Museum Behind-the-Scenes Event 2004.

Web Projects: Coordinator (vascular plants), *vPlants: A Virtual Herbarium of the Chicago Region* web site.

Matthew von Konrat

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Presentation, Lincoln Park Conservatory, Chicago Park District.

Web Projects: Developer, LIIF: Liverwort Internet Information Facility (www.liverworts.org).

Other: Various behind-the-scenes tours.

Jun Wen

Education Programs: Field Museum Behind-the-Scenes Event 2004; Presentation, National Geographic Society Workshop on Marco Polo's Travels.

Public Presentations: YBC Lecture, Asian Biodiversity; Presentation and tour in China Town, Chicago, on medicinal plants.
Other: Various behind-the-scenes tours.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Hannah Anderson

Education Programs: Field Museum Behind-the-Scenes Event 2004.
Public Presentations: Presenter, facilitator, *Journey through Calumet* Community Roundtable Series, Chicago, IL and Hammond, IN; Presentation: Southeast Environmental Task Force Kid's Day, and Year of Biodiversity and Conservation.
Web Projects: Developer, Designer, CCUC Website.

Eduardo Arocho

Education Programs: Cultural Connections program, events with partner museums.

Rosa Cabrera

Exhibit Development: Facilitator, Community participation in the development of the *Americas* project, *Splendors of China's Forbidden City: The Glorious Reign of Emperor Qianlong*, and *Machu Picchu: Unveiling the Mystery of the Incas* exhibit and programming.
Education Programs: Cultural Connections program, events with partner museums; Chicago Public Schools Parents Field Trips Series; Lane Credit/CPDU course for Chicago Public School (CPS) teachers; Field Museum Behind-the-Scenes Event 2004.
Public Presentations: Chicago Cultural Network; Introduction, Isabel Allende lecture, The Field Museum.

Mary L. Doi

Public Presentations: Cultural Connections Presentation, "EXTRA! EXTRA! Read All About Us," Balzekas Lithuanian Museum, Chicago, IL; Facilitator, *Journey through Calumet* Community Roundtable Series, Chicago, IL.

Elise Fulara

Education Programs: Cultural Connections program, events with partner museums.

Meganne Lube

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Mario Longoni

Education Programs: Cultural Connections program, events with partner museums; Coordinator, Facilitator, Cultural Connections Parent Field Trip Initiative; Field Museum Behind-the-Scenes Event 2004.
Public Presentations: Presenter, facilitator, *Journey through Calumet* Community Roundtable Series, Chicago, IL.

Michaela Marchi

Education Programs: Cultural Connections program, events with partner museums; Field Museum Behind-the-Scenes Event 2004; Invited Speaker, "Ask the Expert," Niles North High School.

Jeannette Matuska

Education Programs: Cultural Connections program, events with partner museums.

Josh Ostergaard

Education Programs: Cultural Connections program, events with partner museums.

Rebecca Severson

Education Programs: Field Museum Behind-the-Scenes Event 2004; Facilitator, Capacity Building Research Workshops for Community groups.

Madeleine Tudor

Exhibit Development: Content Specialist, *Urban Expressions: Young Voices, New Technologies*; Content Specialist, *Living Together* satellites; Content Specialist, *Design Innovations in Manufactured Housing*.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Community roundtables, Chicago, IL.

Web Projects: Developer, CCUC Web site.

Alaka Wali

(see Department of Anthropology)

ENVIRONMENTAL AND CONSERVATION PROGRAMS**Daniel Brinkmeier**

Education Programs: Field Museum Behind-the-Scenes Event 2004; *Africa* Exhibit walk-through for Chicago Web Docents, tour for Africa Volunteer Training, Education Department Museology Class presentation.

Media Development: Newspaper interviews: *Expresion Grafic*, *Cobiya*, *Pando*, *Bolivia*, and Radio interview: U.S. Embassy Public Affairs Office, La Paz, Bolivia.

Robin B. Foster

Education Programs: 5th grade school group: life of a tropical explorer; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Field Museum, Year of Biodiversity and Conservation, public panel presentation: Neotropical Diversity; Rapid Biological Inventory results presentations for: Bayamesa and La Melba trips, Santiago de Cuba; and Megantoni and Matses trips, Cusco and Lima, Peru.

Media Development: Newspaper interview, *Chicago Tribune*.

Tours and Field Trips: Warren Woods-Mud Lake Bog-Warren Dunes, ECP interns and trainees.

Web Projects: Further development of the *Tropical Plant Guides* web site.

Other: Production of 11 rapid color guides to plants in conservation areas of: Brazil, Cuba, Ecuador, Panama and Peru; Various behind-the-scenes tours.

Paul Guggenheim

Education Programs: Presentations, Ministry of Education, Cordillera Azul National Park, Peru.

Media Development: Local radio and television interviews, Tocache, Peru.

Douglas F. Stotz

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Wetlands Initiative; Chicago Audubon Society; Calumet Nature Center conference.

Media Development: Newspaper interviews: *Chicago Sun-Times*, *Chicago Tribune*; *Daily Herald*, *Scripps-Howard News Service*, *Star*, *Medill news service*; Magazine interviews: *The Economist*; Television interviews: *WGN News "Ask Tom Why"*; Internet-based interviews: Terrain.org.

Tours and Field Trips: Women's Board, International Crane Foundation field trip.

Other: Biodiversity Explorers field trip to Lake Calumet.

Anne Umali

Education Programs: Bolivian educator and university student environmental education capacity-building workshops; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: EXPOPANDO public fair exhibit, Cobija, Bolivia.

Other: Production of indicator species color guides and school conservation curriculum for Cobija, Pando.

Corine F. Vriesendorp

Education Programs: Field Museum Behind-the-Scenes Event 2004; Training Course Cordillera Azul Park Guards, Tarapoto, Peru.

DEPARTMENT OF GEOLOGY

John R. Bolt

Exhibit Development: Geology Department Liaison, *Life Over Time/Evolving Planet*, and Content Advisor, *Life Over Time/Evolving Planet* exhibit revitalization.

Web Projects: Developer, *Preserve* project web site.

Ian Glasspool

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*.

Education Programs: Field Museum Behind-the-Scenes Event 2004; Greenland Expedition web site.

Other: Various behind-the-scenes tours.

Lance Grande

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Lecture, on the Fossil Butte Member lagerstätten to Founders' Council; Presentation of *Fieldiana* organization at Quarterly Docket; Presentation of Collections and Research to Board of Trustees.

Lori Grove

Public Presentations: *The Artist's Studio* demonstration for the dedication and exhibition opening of "Peter V. Bianchi:†The Art of Science," Kenosha Public Museum, WI; *Chicago's Maxwell Street*, Duncan YMCA, Chernin Center for the Arts, Barbara's Bookstore, and Chai Tech of Chicago.

Other: Co-producer, Maxwell Street Blues Bus Production *And This Was Free*.

Rebekah Hines

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Various behind-the-scenes tours.

James Holstein

Education Programs: Field Museum Behind-the-Scenes Event 2004;
Facilitator, Overnight Programs.

Other: Various behind-the-scenes tours.

Philip E. Janney

Public Presentations: Instructor, Rock and Mineral Workshop, Morton Arboretum.

Scott Lidgard

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*.

Education Programs: University of Illinois Biology Colloquium tour.

Public Presentations: Lecture for Evanston Kiwanis Club, Field Museum Behind-the-Scenes Event 2004.

Media Development: Interview for *Chicago Reader*, feature article on Mazon Creek Fossils.

Other: Various behind-the-scenes tours.

Peter J. Makovicky

Exhibition Development: Content Advisor, *Dinosaur Dynasty*; Content Advisor *Life Over Time/Evolving Planet*; Content Advisor, *Dinosaurs: Ancient Fossils, New Discoveries*; Liaison and Advisor, display of loaned *Triceratops* skull; Content Advisor, *Sue Dig-Pit*.

Education Programs: Docent training seminar on SUE; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Presentation on "The Science of SUE" in connection with opening of SUE traveling exhibit in Japan.

Media Development: Press conference and interviews with various international media (*NYTimes*, *Washington Times*, *CNN*, *Chicago Tribune*, *Chicago Sun-Times*, *SF Chronicle*, *Reuters*, etc.) in connection with tyrannosaur growth study published in *Nature*; NOVA television shoot in connection with tyrannosaur growth study published in *Nature*; Interviews and TV shoot with various Japanese media in conjunction with SUE traveling exhibit in Japan. Interview with *Discovery* published in April 2005 issue.

Other: Content advisor and curator, *The Dinosaurs 2005-06: Evolution of theropods from their origin to birds, and the first appearance of SUE, the most famous dinosaur in the world* exhibit, National Science Museum Tokyo. Presentation for Collections and Research committee of the Board of Trustees; Various behind-the-scenes tours.

Jenny McElwain

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*; *Arctic National Wildlife Refuge: Seasons of Life and Land*; *Americas* project.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Interviews with various national and international television, radio and newspaper media outlets (*Chicago Tribune*,

National Public Radio, WTTW, *Science News*, *New Scientist* and many international daily newspapers).
Other: Various behind-the-scenes tours; Presentation, Founders' Council Loop Luncheon.

Clarita Nuñez

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Various behind-the-scenes tours.

Olivier Rieppel

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*; Advisor, *Traveling SUE* exhibit in Japan.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Walter Arndt Lecture, Berlin.

Media Development: Content specialist for Marine Monsters Project of National Geographic Society; Media presentations on the Triassic marine reptile *Dinocephalosaurus* from China.

Other: Presentation, Board of Trustees Meeting.

Akiko Shinya

Exhibit Development: Move advisor, *Triceratops* display project.

Education Programs: Field Museum Behind-the-Scenes Event 2004; Prep lab workshop for Field Ambassador program; Prep lab tours for overnights.

Other: Various behind-the-scenes tours.

Constance Van Beek

Education Programs: Field Museum Behind-the-Scenes Event 2004;

Scientist on the Floor program.

Other: Various behind-the-scenes tours.

Peter J. Wagner

Exhibit Development: Content Advisor, *Life Over Time/Evolving Planet*.

Media Development: Profiled in articles in *Discover*, *Chicago*; quoted in articles in *Chicago Tribune*, *Chicago Sun Times*, *San Francisco Chronicle*.

Other: Presentation, Founders Council Frontiers Event; Various behind-the-scenes tours.

DEPARTMENT OF ZOOLOGY

John M. Bates

Exhibit Development: Content Advisor, *Arctic National Wildlife Refuge: Seasons of Life and Land*; Content Advisor, *Mendel: Genius of Genetics*; Content Advisor, Year of Biodiversity and Conservation Kiosk; MacArthur Foundation special display on Africa.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Oakton Elementary School.

Media Development: Interview, *Chicago Sun Times*; Interview, *Winging It*.

Tours and Field Trips: Founders' Council Brazil tour.

Web projects: Content Specialist, *Collaborations in Congo* web site.

Other: Various behind-the-scenes tours; Presentation, Board of Trustees; Presentation, Collections and Research Committee of the Board of Trustees.

Rüdiger Bieler

Exhibit Development: Exhibit Curator, *Pearls* (now traveling).

Education Programs: Field Museum Behind-the-Scenes Event 2004; featured curator "Living Waters."

Public Presentations: Various lectures on *Pearls* exhibit and related research.

Media Development: *In the Field* article.

Web Projects: Further development of PEET (<http://peet.fmnh.org>) and Malacological Journals and Newsletters

(<http://fm1.fieldmuseum.org/collections/search.cgi?dest=mjl>) web sites.

Other: Various behind-the-scenes tours.

Jochen Gerber

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Magazine interview: *Chicago*.

Other: Various behind-the-scenes tours.

Thomas Gnoske

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Various behind-the-scenes tours.

Steven M. Goodman

Media Development: Newspaper interviews, *Chicago Tribune*, *International Herald Tribune*; Radio interviews, *National Public Radio*, several Malagasy radio stations, *Malagasy Broadcasting Company*.

Shannon J. Hackett

Exhibit Development: Content Specialist, *Bringing the Pritzker Laboratory to the Public*; Content Specialist, *Year of Biodiversity and Conservation* kiosk; Content Specialist, *Mendel: Genius of Genetics*.

Education Programs: Field Museum Behind-the-Scenes Event 2004; Field Museum In the Lab Workshop for Teachers.

Public Presentations: Oakton Elementary School.

Web Projects: Content Specialist, *Pritzker Lab* web site; Content Specialist, *Early Bird Tree of Life* web site.

Other: Various behind-the-scenes tours.

Lawrence R. Heaney

Education Programs: Field Museum Behind-the-Scenes Event 2004; "Wild Mammals of Evanston", Dawes Elementary School, Evanston, IL.

Public Presentations: Lecture, Island Biodiversity-December, for Year of Biodiversity and Conservation.

Media Development: Press release on new mammal from Philippines, picked up by ca. 20 newspapers in Philippines and around the world; *Baltimore Sun* newspaper, quoted in article on new fossil dwarf humans from Indonesia; Chicago newspapers and TV, development of CRC and move of tanned skins; Non-technical publications: 2 articles for general audiences about mammalian evolution and conservation in the Philippines (*In the Field* and *Haring Ibon*).

Other: Various behind-the-scenes tours; Presentation, Founder's Council Dinner.

Mary Hennen

Education Programs: Field Museum Behind-the-Scenes Event 2004.
Public Presentations: Scientists in the Field; Hyde Park Elementary, Waukegan, IL; St. Columbanus, Chicago, IL.

Janeen Jones

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Maureen Kearney

Education Programs: Field Museum Behind-the-Scenes Event 2004.

James B. Ladonski

Education Programs: Field Museum Behind-the-Scenes Event 2004; Take Our Children to Work Day (Field Museum); Second Annual Calumet Stewardship Day (Field Museum, ECP); Kalamazoo Nature Center Citizen Scientist training program; 5th Annual Living With Lakes Seminar (Valparaiso Chain of Lakes Watershed Group, Inc.).

Public Presentations: Berrien County Parks and Recreation Commission; Kalamazoo Nature Center; Lake County Parks; North American Native Fishes Association, IL/IN Chapter; Potato Creek State Park; Spring Brook Nature Center; St. Joseph County Parks.

Media Development: Newspaper interviews, *South Bend Tribune*, *Berrien County Record*.

Other: Various behind-the-scenes tours; Science Advisor, Gar Anglers' Sporting Society.

Jennifer M. Mui

Education Programs: Field Museum Behind-the-Scenes Event 2004; Illinois Wilds Institute for Nature, Reptiles and Amphibians of Illinois.

Other: Various behind-the-scenes tours.

Alfred F. Newton

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Web Projects: Database developer, NSF-PEET project Austral Staphylinidae web site.

Bruce D. Patterson

Exhibit Development: Consultant, on case modifications and taxidermy repair; Content Advisor, *Jungles*.

Education Programs: Moderator, YBC Roundtable Discussion; Field Museum Council on Africa presentation; Field Museum Behind-the-Scenes Event 2004.

Public Presentations: Book-signings: Magic Tree Bookstore, Oak Park, IL; Borders Bookstore, LaGrange, IL; Public lecture, Zak Science Centre, LaGrange Park, IL.

Media Development: Newspaper interviews: *Chicago Sun-Times*, *International Wildlife*, *National Geographic*; Review article, *Focus*, London; Press releases surrounding *The Lions of Tsavo* book and lecture tour with Greg Borzo, Blue Magruder and Philip Johannson; radio interviews: with Jamie Ross of CFOS-AM Radio in Owen Sound, Ontario, Canada; with Terry Moore of CFAX Radio in Victoria, B.C., Canada.
Tours and Field Trips: Three Earthwatch teams (containing 23 volunteers from 5 nations) in January, September and December; Presentation to Founders' Council tour of Peru; Corporate and foundation donor appreciation night.

Web Projects: www.fieldmuseum.org/manu/;
www.earthwatch.org/expeditions/patterson.html.

Martin D. Prydzia

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Alan Resetar

Exhibit Development: Signage, *Hall of Reptiles*.

Education Programs: Field Museum Behind-the-Scenes Event 2004; Porter County Conservation Club; Natural Areas Conference; 65th Annual Midwest Fish and Wildlife Conference.

Other: Various behind-the-scenes tours.

Mary Anne Rogers

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Tours and Field Trips: Classic Tanzania Safari.

Petra Sierwald

Education Programs: Field Museum Behind-the-Scenes Event 2004; Three-day "Spider-man" event in *Underground Adventure* exhibition.

Media Development: *Chicago Tribune* profile.

Clara R. Simpson

Exhibit Development: Virginia Living Museum, Newport News, VA, Annual (juried) Exhibit of the Guild of Natural Science Illustrators, exhibitor: *Lizard Head Scales: Selections from a Series* © The Field Museum.

Alexey Yu. Solodovnikov

Public Presentations: Public lecture, Entomological Club in Ottawa, Canada.

William T. Stanley

Exhibit Development: Advisor, mammal mount restoration.

Education Programs: Field Museum Behind-the-Scenes Event 2004; Teacher Training for National Geographic program; University of Illinois.

Public Presentations: Donor appreciation; Wildlife Conservation Society of Tanzania.

Media Development: History Channel.

Tours and Field Trips: Field Museum Tour to Serengeti, Tanzania.

Web Projects: Developer, *Tanzania Mammal Key*.

Other: Developer and Producer, Tanzania small mammal educational posters; Various behind-the-scenes tours.

Bryan L. Stuart

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Kevin Swagel

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Other: Various behind-the-scenes tours.

Margaret K. Thayer

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Interview, *Chicago Reader*.

Web Projects: Main developer, PEET project *Austral Staphylinidae* web site.

Janet R. Voight

Exhibit Development: Consultant for *Life Over Time/Evolving Planet*.

Education Programs: Field Museum Behind-the-Scenes Event 2004.

Media Development: Magazine interview, *Canadian Wildlife Magazine*; Newspaper interview, *Christian Science Monitor*.
Other: Various behind-the-scenes tours; Development Tour to Florida.

Harold K. Voris

Education Programs: Field Museum Behind-the-Scenes Event 2004.
Other: Various behind-the-scenes tours.

Mark W. Westneat

Education Programs: Field Museum Behind-the-Scenes Event 2004.
Tours and Field Trips: Founder's Council Tour to Pantanal, Brazil
Web Projects: Research web site, content for Pritzker Lab site.
Other: Presentation, Women's Board Field Dreams Dinner; Various behind-the-scenes tours.

David Willard

Education Programs: Museology; Scientist in the Field; Year of Biodiversity; Science Partners; National Geographic Teacher Programs; Field Museum Behind-the-Scenes Event 2004.
Public Presentations: Evanston North Shore Audubon, Ryerson Smith Symposium; Loop Luncheon; Evanston High School Environmental Program.
Tours and Field Trips: Tour Leader Northern Tanzania; Development tour to Florida.

Philip Willink

Education Programs: Presentation, "Setting Sail: A Nautical Adventure for Teachers", The Field Museum; Field Museum Behind-the-Scenes Event 2004.
Public Presentation: Presentation and roundtable discussion, The Year of Biodiversity and Conservation, The Field Museum; Presentation, The School of Entrepreneurship High School, Chicago, IL; Presentation, Dewey Elementary School, Evanston, IL.
Media Development: Television interviews: *NBC Evening News*, *NBC Today Show*, *Chicago Tonight*, *CBS 2*, *NBC 5*, *ABC 7*, *WGN 9*; Newspaper interviews: *Chicago Tribune*, *Chicago Sun-Times*, *Associated Press*, *The Times - Northwest Indiana*, *Daily Southtown*, *New York Times*, *Philadelphia Inquirer*, *De Ware T_d*, *Dagblad Suriname*, *Suriname Times*, *Milwaukee Journal Sentinel*; Magazine interview: *Chicago Wilderness Magazine*, *In The Field*; Radio interview: WBBM, WBEZ.
Other: Various behind-the-scenes tours.

HIGHER EDUCATION, 2004

(College/University Teaching, Graduate Advising, Internships, etc.)

DEPARTMENT OF ANTHROPOLOGY

Tristan Almazan

Graduate Students Advised: Lauren Zych, University of Illinois at Chicago.

Undergraduate Interns: Jessica Cañas, Syeda Razeen, Loyola University; Jake Weiler, University of Notre Dame.

Elizabeth M. Brumfiel

Graduate Students Advised: Ana Tejada, Kristin de Lucia, Northwestern University.

Courses: "Olmecs, Mayas, and Aztecs" (undergraduate level), "The Archaeology of Inequality," "The Archaeology of Ethnicity in America" (graduate level), Northwestern University.

Invited/guest lectures: Guest Lecturer for "Art of Middle and South America," Northwestern University; Guest Lecturer for "Introductory Archaeology," Northwestern University.

Sarah Coleman

Undergraduate Interns: Jessica Cañas, Syeda Razeen, Loyola University; Jake Weiler, University of Notre Dame.

Winifred Creamer

Graduate Students Advised: Rebecca Bria, Kevin Cooney, Alvaro Ruiz, Northern Illinois University.

Undergraduate Interns: Becky Powers, Aparna Rae, Northern Illinois University.

Courses: "Archaeology of Andean South America," and "General Prehistoric Archaeology," Northern Illinois University; "El Hombre y El Medioambiente en el Peru Antiguo," Lima, Peru.

L. Antonio Curet

Graduate Students Advised: Virginia Rivera, Carlos Pérez, Elvis Babilonia, and Luis Rodríguez Gracia, Centro de Estudios Avanzados de Puerto Rico y el Caribe; Madeliz Gutierrez, Universidad Autonoma Nacional de Mexico; Chris Davis, Mark Gross, University of Illinois at Chicago.

Courses: Graduate seminar on Caribbean Archaeology, University of Illinois at Chicago.

Invited/guest lectures: Miami University, Ohio

Scott J. Demel

Courses: Co-directed Historical Archaeology Field School at the Pullman State Historic Site, Chicago.

Other: Tour of collections for Loyola University and Oakton Community College students.

Gary M. Feinman

Graduate Students Advised: Jennifer Clark, Laura Waterbury, Andrew Wyatt, University of Illinois at Chicago.

Undergraduate Interns: Erin Thompson; Elizabeth Vogel, Iowa State University.

Courses: "Systematic Archaeological Settlement Pattern Survey," Shandong University, Jinan, China.

Other: Graduate Studies Committee, Anthropology, University of Illinois at Chicago.

Jonathan Haas

Graduate Students Advised: Rosa Cabrera, Ken Batai, Rebecca Osborn, Sofia Chacaltana, Nam Kim, and Margaret Enrile, all University of Illinois at Chicago; Alvaro Ruiz, Northern Illinois University; Nathan Craig, Keith Carlson, University of California at Santa Barbara; Lori Jahnke, Tulane University.

Undergraduate Interns: Becky Powers, Aparna Rae, Northern Illinois University.

Courses: "The Evolution of the Prehistoric State," University of Illinois at Chicago.

Invited/guest lectures: Department of Anthropology, University of California, Santa Barbara.

Chapurukha Kusimba

Graduate Students Advised: Kirsten Hawkins, Bryn Mawr College; Pavel Onderka, Charles University, Czech Republic; Paul Wahiu, Moi University, Kenya; Amelia Hubbard, The Ohio State University; Rahul Oka, Cyril Wilson, David K. Wright, Melanie Zacher, University of Illinois at Chicago; Sonia Kitzelerova, University of West Bohemia, Plzen, Czech Republic.

Trainees: Melanie Zanoza, Northwestern University; Monica Moran, University of Chicago; Daniel Melone.

Invited/guest lecture: University of Wisconsin, Madison; Miami University, Oxford, OH; Bryn Mawr College, Bryn Mawr, PA.

Robert D. Martin

Graduate Student Advised: Lara Modolo, University of Zurich.

Invited/guest lectures: Department of Cell & Molecular Biology, Feinberg School of Medicine, Northwestern University; Lecture for "Management and the Not-for-Profit Organization: A Case Study of the Field Museum" course, National Louis University.

Courses: "Primate Evolution for the Biological Sciences" (graduate level), University of Chicago.

Stephen E. Nash

Graduate Students Advised: Annette Gavigan, John F. Kennedy University; Lisa Niziolek, University of Illinois at Chicago.

Undergraduate Interns: Jessica Cañas, Michelle Eaton, Syeda Razeen, Bridgett Wells, Loyola University; Jessica Lechuga, New York University; Emily Olsen, University of Arizona; Ben Boye, Katie Craig, Andrea Thomalla, University of Chicago; Allison English, University of Illinois at Urbana Champaign; Samuel Redman, University of Minnesota/Morris; Jacob Weiler, University of Notre Dame.

High School Interns: Kayla Hernandez, Whitney Young High School, Chicago.

Invited/guest lectures: University of Arizona, Tucson; The University of Hawaii/Manoa; John F. Kennedy University; The University of Wisconsin/Madison; Show Low Historical Museum, Show Low, Arizona.

Linda Nicholas

Undergraduate Interns: Erin Thompson; Elizabeth Vogel, Iowa State University.

Courses: "Systematic Archaeological Settlement Pattern Survey," Shandong University, Jinan, China.

John Edward Terrell

Courses: "Writing Anthropology," University of Illinois at Chicago.

Invited/guest lectures: National Taiwan University; National Museum of Prehistory, Taitung, Taiwan.

Anne P. Underhill

Graduate Students Advised: Hu Lin, University of Chicago; Lisa Niziolek, Deborah Green, University of Illinois at Chicago; Geoffrey Cunnar, Yale University.

Undergraduate Interns: Ashley Beckwith, Amber Billey, Karen Chen, Nicole Simon, all Boone Scholars.

Invited/guest lectures: "Ceramic Ethnoarchaeological Research in China," lecture for Analysis of Ceramics course, University of Illinois at Chicago; "Archaeological Survey in China," lecture for the Peru Research Group, University of Illinois at Chicago.

Other: Behind-the-scenes tours for prospective graduate students at Northwestern University, Department of Anthropology, and for students in the NSF Summer Program in BioCultural Anthropology at the University of Notre Dame; supervised independent studies by Jennifer Clark, Josie Wrucke, University of Illinois-Chicago.

Patrick Ryan Williams

Graduate Students Advised: Chris Dayton, Ben Vining, Boston University; Robin Coleman, Northwestern University; Sofia Chacaltana, Joe Szymczak, University of Illinois at Chicago; Kenneth Sims, University of Michigan; Kirk Costion, University of Pittsburgh.

Graduate Student Interns: David Goldstein, Southern Illinois University/Carbondale; Lauren Schwartz, University of California/Riverside; Joe Szymczak, University of Illinois at Chicago.

Undergraduate Interns: Monika Dyrz, Robin Kazmier, Northwestern University.

Courses: "South American Archaeology," "Independent Study: Andean Household Archaeology," and "Independent Study: Andean Formative Archaeology," all University of Illinois at Chicago.

Alaka Wali

Postdoctoral Associates: Helen Robbins (until October, 2004).

Graduate Students Advised: Deanna Schoss, DePaul University; Patricia Williams, University of Illinois at Chicago.

Undergraduate Interns: (see Center for Cultural Understanding and Change).

Courses: "Introduction to Urban Field Research," "Advanced Urban Field Research," Northwestern University.

Invited/Guest lectures: Lectures for Syracuse University; City University of New York Graduate Center.

DEPARTMENT OF BOTANY

Eve Emshwiller

Undergraduate Interns: Justin Cummings, Eastern Illinois University.

Invited/guest lectures: Guest Lecturer for "Economic Plants and Human Health," University of Chicago.

Sabine M. Huhndorf

Postdoctoral Associate: Andrew Miller.

Graduate Students Advised: George Mugambi, Lymari Ruiz-Sanchez, University of Illinois at Chicago.

Courses: "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago.

Patrick R. Leacock

Undergraduate Interns: Kevin Dean, Patrick Hogan, University of Chicago; Wyatt Gaswick, University of Illinois at Chicago; Dwyer Kilcollen, Washington University, St. Louis.

Invited/guest lectures: Guest Lecturer for "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago.

Courses: "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago.

Robert L.cking

Graduate Students Advised: Lidia Itati Ferraro, Instituto de Botánica del Nordeste, Argentina; Rosa-Emilia PÉrez-PÉrez, Universidad Autónoma del Estado de Morelos, Mexico; Alejandrina B.rcenas PeÒa, Paola Martínez Colìn, Universidad Nacional Autónoma de Mexico; Daniela Lizano, Gavriele Murillo, Universidad Nacional, Costa Rica.

High School Interns: Daniel Duron, Northside College Prep.

Courses: "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago.

Thorsten Lumbsch

Postdoctoral Associates: Ruth del Prado, Imke Schmitt.

Graduate Students Advised: Oscar Blanco, Universidad Complutense de Madrid; Armin Mangold, Steffen Pauls, and Nora Wirtz, Universität Duisburg-Essen.

Undergraduate Interns: Stefanie Kautz, Universität Duisburg-Essen.

Courses: "Phylogenetic Methods" (graduate level reading group), University of Illinois at Chicago; "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago.

Gregory M. Mueller

Postdoctoral Associates: Patrick Leacock, Peter Avis.

Graduate Students Advised: Sara Branco, Michael Fitzsimons, Kelly Gravier, Matthew Kierle, University of Chicago.

Trainees: Eida Fletes Almengor, Isaac LÚpez N.Òez, Enia Navarro Valverde, all INBio, Costa Rica.

Visiting Scientist: Yang Bin, Southwest China Forestry University.

Invited/guest lectures: University of Chicago; University of Illinois at Chicago; University of Michigan, Ann Arbor; University of Guatemala, Guatemala.

Courses: "Mycology" (graduate level), University of Chicago and University of Illinois at Chicago; "Grant Writing Workshop" (graduate level), Evolutionary Sciences, University of Chicago.

Imke Schmitt

Undergraduate Intern: Stefanie Kautz, Universität Duisburg-Essen.

Other: Referee of thesis and member of Ph.D. committee of Oscar Blanco, Universidad Complutense de Madrid.

D. Doel Soejarto

Postdoctoral Associates: Marian R. Kadushin, Mary C. Riley, Tran Ngoc Ninh.

Graduate Students Advised: Ryan Case, Michael Colvard, Nguyem Thi Huu, Amanda Koch, Amey Libman, Tatiana Lobo, Joanna Michael, all University of Illinois at Chicago.

Courses: "Problem-solving in Plant Taxonomy," University of Illinois at Chicago; "Research Techniques in Pharmacognosy," University of Illinois at Chicago.

Jun Wen

Postdoctoral Associates: Stefanie Ickert-Bond, Tingshuang Yi.

Undergraduate Interns: Yi Yan, University of Illinois Champaign/Urbana.

Courses: "Diversity and Conservation of Plants," University of Illinois at Chicago.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Rosa Cabrera

Courses: "Narratives: Doorways to Our Communities" Lane Credit, Continuing Professional Development Unit (CPDU).

Mario Longoni

Courses: "Social Science 260: Cultural Anthropology," Robert Morris College.

Invited/guest lectures: "The Calumet Angler Study," Chicago Association for the Practice of Anthropology (CAPA).

Michaela Marchi

Courses: "Narratives: Doorways to Our Communities" Lane Credit, Continuing Professional Development Unit (CPDU).

Jeannette Matuska

Courses: "Social Science 260: Cultural Anthropology," Robert Morris College.

Josh Ostergaard

Undergraduate Interns: Kelly Thomas, DePaul University; Elena Rubin, Grinnell College; Yariella Coello, Northwestern University; Ryan Hollon, University of Chicago; Mario McHarris, University of Illinois-Champaign Urbana; Maria Campos, University of Notre Dame.

Rebecca Severson

Courses: "Latin American Studies 390: Introduction to Urban Field Research," "Latin American Studies 391: Advanced Urban Field Research," Northwestern University.

Alaka Wali

(see Department of Anthropology)

ENVIRONMENTAL AND CONSERVATION PROGRAMS

Daniel Brinkmeier

Courses: "Conservation Communication and Media Strategies"
(undergraduate student seminar), Amazonian University of the Pando,
Cobija Bolivia.

Invited/guest lectures: Iowa State University; Department of Cultural
Communication (undergraduate), University of Wisconsin-Milwaukee.

Other: Advisor, Pedro Villalobos Museum of Natural History, Amazonian
University of the Pando, Cobija, Bolivia.

Michael Cepek

Course: "Shamanism and History in Western Amazonia," University of
Chicago.

Robin B. Foster

Graduate Students Advised: Elaine Hooper, Maria Luisa Jorge, Tatiana
Lobo, Gabriela Nuñez, University of Illinois at Chicago; Laura Torres,
Northeastern Illinois University; (Informal) Paul Fine, University of
Utah; Lis Nevis, Surangi Punyasena, University of Chicago.

Trainees: Rutilio Paredes, Abi Yala, Panama; Vera Lis Cruz Rodrigues
Uleana, Sao Paulo, Brasil.

Thomas S. Schulenberg

Graduate Student Advised: Dan Davison, University of Chicago.

Douglas F. Stotz

Graduate Students Advised: Norbert Cordeiro, Jose Tello, University of
Illinois at Chicago; Christina Bentz, Alexander Dehgan, University of
Chicago; James Armacost, Illinois State University.

Invited Lecture: "Conservation Biology," Lawrence University.

DEPARTMENT OF GEOLOGY

John R. Bolt

Postdoctoral Associate: Marcello Ruta.

Graduate Student Advised: Daniel Snyder, University of Iowa.

Ian Glasspool

Graduate Student Advised: Christopher Pristavec, Cardiff University,
U.K.

Lance Grande

Postdoctoral Associate: Eric Hilton.

Invited/guest lectures: "Research in Evolutionary Biology and
Systematics" for "Comparative Anatomy," Loyola University.

Courses: "Stones and Bones," University of Chicago.

Philip E. Janney

Graduate Student Advised: David Cook, University of Chicago.

Undergraduate Intern: Lev Birndorf-Spivak, University of Chicago.

Scott Lidgard

Graduate Students Advised: Paul Harnick, Lee Hsiang Liow, Virginia Miller, Surangi Punyasena, Rebecca Rowe, University of Chicago.

Courses: "History of Life," University of Illinois at Chicago.

Peter J. Makovicky

Graduate Students Advised: Rudyard Sadleir, University of Chicago.

Undergraduate Intern: Brandon Kilbourne, Louisiana State University.

Jenny McElwain

Graduate Students Advised: Michael Fortwengler, Northwestern University; Surangi Punyasena, David Sunderlin, Leila Zajak, University of Chicago; Matthew Haworth, University of Oxford.

Undergraduate Interns: Madeleine McLeester, Jessica Wade Murphy, Hannah Park, University of Chicago.

Olivier Rieppel

Graduate Students Advised: Robert Hill, CUNY Stony Brook; Liu Jun, Columbia University; Li Chun, Institute of Vertebrate Paleontology and Paleoanthropology, Beijing; Jack Conrad, University of Chicago.

Courses: "Evolutionary Biology of Reptiles" (undergraduate level), Northwestern University; "The Concept of Homology," (graduate level), University of Chicago.

Meenakshi Wadhwa

Postdoctoral Associates: Catherine N. Foley; Nicolas Dauphas.

Graduate Students Advised: David Cook, Liping Qin, University of Chicago.

Undergraduate Intern: Lev Spivak-Birndorf, University of Chicago.

Peter J. Wagner

Graduate Students Advised: Allison Beck, John Finarelli, Bjarte Hannisdal, Kim Koverman, Lee Hsiang Liow, Tom Rothfus, Carl Simpson.

Courses: "Likelihood" (graduate course), University of Chicago.

DEPARTMENT OF ZOOLOGY**John M. Bates**

Graduate Students Advised: Michael Huhndorf, Illinois State University, Normal; Mathias Behangana, Kizungu Byamana, Charles Kahindo, Makerere University, Uganda; Wilsea Figueiredo, Universidade do Par , Bel m; Ana Carnaval, Dan Davison, Trina Roberts, University of Chicago; Isabel Caballero, Norbert Cordeiro, Kenneth Jones, Joseph Oyugi, Jose Tello, University of Illinois at Chicago; Marcos Maldonado, University of Missouri, St. Louis.

Courses: "Population genetics and systematics" (reading group), The Field Museum.

R diger Bieler

Postdoctoral Associates: Luiz Ricardo Simone, Timothy Collins.

Graduate Students Advised: Ilya T mkin, New York University; Nicholas Johnson, Rebecca Mara Price, Rebecca Rundell, University of Chicago; Isabella Kappner, John Wilk, University of Illinois at Chicago.

Steven M. Goodman

Graduate Students Advised: Luke Dollar, Duke University; Karen Samonds, State University of New York/Stony Brook; Marie Jeanne Raharilalao, M. Raheriarisena, Domoina Rakotomalala, H. Rakotondravony, J. Ranivo, F. Ratrimomanarivo, Voahangy Soarimalala (all Ph.D. candidates), and an additional 9 D.E.A. students, Université d'Antananarivo.

Courses: "Biogeography of Madagascar," "Biological Inventory Techniques," and "Mammals of Madagascar," Université d'Antananarivo.

Shannon J. Hackett

Postdoctoral Associates: Rauri Bowie, John Harshman, Sushma Reddy.

Graduate Students Advised: Sushma Reddy, Columbia University, American Museum of Natural History; St. Louis; Zac Cheviron, Louisiana State University; Ana Carnaval, Dan Davison, Bonnie Gulas, Nitzan Mekel, Trina Roberts, Rebecca Rundell, Brian Sidlauskas, University of Chicago; Melissa Burns, Jose Tello, University of Illinois at Chicago; Daniel Cadena, University of Missouri.

High School Interns: Rachel Flynn, New Trier High School.

Courses: Co-instructor, "Introduction to Grants and Publications," University of Chicago; "Population Genetics and Systematics" (reading group), The Field Museum.

Lawrence R. Heaney

Graduate Students Advised: Trina Roberts, Rebecca Rowe, Rebecca Terry, University of Chicago.

Traveling Scholars Advised: Danilo S. Balete, Liza Duya, and Mariano Duya, Philippines.

Courses: Lecture, "Systematics" course, University of Chicago.

Maureen Kearney

Postdoctoral Associate: Takanobu Tsuijihi.

Graduate Students Advised: Courtney Babbitt, Jack Conrad, Adam Franssen, Rebecca Shearman, Tristan Stayton, University of Chicago; Paul Velazco, University of Illinois at Chicago.

Undergraduate Interns: Beth Bastiaans, University of Chicago.

Trainees: Luke Mahler, Angela Marion.

Courses: "Biological Systematics," University of Chicago.

Alfred F. Newton

Postdoctoral Associates: Alexey Solodovnikov.

Graduate Students Advised: JosÈ-Luis Navarrete, Universidad Nacional Autònoma de MÈxico; David Clarke, University of Illinois at Chicago.

Bruce D. Patterson

Graduate Students Advised: Patty Ruback, Northern Illinois University; Carl Dick, Texas Tech University; Norbert Cordeiro, Maria Luisa Jorge, Paul Velazco, University of Illinois at Chicago.

Trainees: Alex Mwazo Gombe, Tsavo Research Centre, Voi, Kenya; Simon Wanjohi, Taita Discovery Centre, Maungu, Kenya; Alba Morales JimÈnez, Bogot., Colombia; Mohammed Abu Baker, Amman, Jordan.

Courses: "Studies in Evolutionary Biology", University of Chicago.

Petra Sierwald

Graduate Students Advised: Paul Marek, East Carolina University; Deborah Whittle, University of the West Indies; Bruce Snyder, University of Wisconsin at Green Bay.

Margaret K. Thayer

Postdoctoral Associate: Alexey Solodovnikov.

Graduate Students Advised: David Clarke, University of Illinois at Chicago; Jos  Luis Navarrete-Heredia, Universidad Nacional Aut noma de M xico.

Undergraduate Interns: Rebekah Shuman, North Park University; J.

Crist an Mart nez, University of Illinois at Chicago.

Trainees: Peter Grimbacher, Griffith University, Queensland, Australia; Charlotte Hardy, New Zealand.

Janet R. Voight

Undergraduate Interns: Vanessa Ng, University of Chicago; Scott Fecho, University of Illinois at Chicago.

Invited/guest lectures: Earth Day Key Note Speaker, Green Mountain College, Poultney, VT.

Harold K. Voris

Graduate Students Advised: Sansareya Wangkulangkul, Chulalongkorn University, Thailand; Jennifer Sheridan, University of California San Diego; Ana Carnaval, University of Chicago; Bryan Stuart, University of Illinois at Chicago.

Undergraduate Interns: Emily Stuebing, Miami University.

Invited/guest lectures: Invited presentation, Department of Biological Sciences, Chulalongkorn University, Bangkok, Thailand.

Mark W. Westneat

Graduate Students Advised: Jim Cooper, Marcus Davis, Christian Kammerer, Aaron Rice, Brian Sidlauskas, Tristan Stayton, and Dean Thorsen, University of Chicago; Jennifer Fessler, University of Illinois at Chicago.

Undergraduate Interns: James Waters, University of Chicago.

Courses: "Biological Sciences" and "Comparative Anatomy of the Vertebrates," University of Chicago.

David Willard

High School Intern: Paul Finnegan, Evanston High School.

Invited/guest lectures: Roosevelt University; Monmouth College; North Park College; Art Institute of Chicago.

Philip Willink

High School Interns: Matthew Perisin, Wheeling High School.

Courses: "Introducci n al Estudio de la Ictiofauna," (undergraduate and Graduate mini-course), El Centro de Investigaci n y Preservaci n de la Amazonia de la Universidad Amaz nica, Cobiya, Bolivia.

TRAINING PROGRAMS, 2004

Members of The Field Museum's scientific staff contribute to a wide spectrum of formal and hands-on training in collections-based research for high school, undergraduate and graduate students, and young professionals each year. Building on the Museum's core subject matter in evolutionary and environmental biology and anthropology/archaeology, these programs meet a variety of needs—from encouraging young students to consider careers in the sciences, through providing training to minority and women undergraduates (two groups underrepresented in the sciences), to training young scientists from other countries in research techniques that enable them tackle environmental conservation issues at home. From suburban high school interns to NGO scientists, from Chicago neighborhoods to the tropics, Field Museum scientists lend their expertise to train future generations of biologists and anthropologists. The following is an overview of the diverse array of training programs to which Field Museum scientists contribute.

HIGH SCHOOL INTERNSHIPS

Biodiversity Explorers. The internship program, funded in part by the Bannerman Foundation, is designed to encourage high school students to consider the biological sciences as a career. The program introduces students to environmental biology and collections-based research through a program of fieldwork, laboratory work, lectures and "behind-the-scenes" museum experiences. In 2004, the ninth year of the program, five Chicago-area students were chosen to participate. Students were from the following high schools: Carver Military Academy, Schurz High School, Northside College Preparatory Academy, Thornwood High School (South Holland, IL) and Morton High School (Hammond, IN). Using the UrbanWatch protocols, the students carried out biodiversity surveys of two areas where Museum scientists were conducting conservation work: Wolf Lake and the Nike Missile Site. The students also continued a restoration project begun by the 2003 Biodiversity Explorers at the William Powers Conservation Area on Wolf Lake. Their summer experience culminated with a community workday led by the interns at the site of their restoration project.

Wood Internship. Funded by a generous gift from J. Howard and Barbara M. J. Wood, this program is geared specifically towards providing hands-on training for high-school students in the Museum's scientific areas. In 2004, the Wood program provided direct support for the five students participating in the Biodiversity Explorers Program (see above).

UNDERGRADUATE INTERNSHIPS

Field Museum Scholarship Committee Internships. Each year The Field Museum supports three-month internships for undergraduate students and recent graduates to work directly with scientists at the Museum on collections-based research projects. For summer 2004, six students received awards. The interns came from Eastern Illinois University, the University of Chicago, the University of Duisburg-Essen in Germany, and Louisiana State University in Baton Rouge, and worked on projects in Botany (ethnobotany; plant physiology), Geology (fossil vertebrates; dinosaurs; geochemistry) and Zoology (insects).

Hyndman Internship. Endowed through a generous gift from Ellen F. Hyndman, this program provides internship opportunities for students at any level. In 2004 the program supported two interns, one in Environmental and Conservation Programs, and one in Zoology's Division of Mammals.

Native American Internship Program. Since 1990, the Museum has offered internships for Native Americans to work with The Field Museum's Anthropology Collections. The interns assist with the Museum's repatriation program, inventory individual tribal collections, conduct research to respond to repatriation requests, and assist with visits of Native Americans to the Field Museum. In 2004, Ernest Whiteman, a student at Columbia College Chicago and a representative of Chicago's Native American community, continued working for a second year in the program. Jackie Timothy, a representative from the Sliammon Nation, also received funding through the program to conduct research on the Museum's extensive Salish collection.

Prince Internship. This program, funded by the Prince Charitable Trust, provides support to recruit and train women and minority interns at the secondary and college levels. In 2004 the program supported a total of five interns: two in Anthropology, two in Geology, and one in Zoology's Division of Mammals.

Boone Scholars Internships for East Asian Studies. Supported by a bequest from the late Commander Gilbert E. Boone and his wife Katharine Phelps Boone, the Boone Scholars Internships for East Asian Studies allow highly qualified undergraduates the opportunity to study at The Field Museum and research Anthropology collections from Japan, Korea, China, and elsewhere in the eastern part of Asia. Boone Scholars report directly to the Boone Curator for Asian Anthropology and the Head of Anthropology Collections and engage in a wide variety of tasks, ranging from individual research to assisting collections management teams in maintaining the collection. In 2004, four interns worked with Anthropology curators and staff and staff from Information Technology to

develop a new section of the Boone Collection website called "Women of Japan."

Cultural Collections Committee Interns. In 2001, the CCC, a "friends" group for the Anthropology Department, created a program to support undergraduate involvement in anthropology research; the award is designed to cover salary support for Museum-based undergraduate collection management interns, and travel expenses for interns assisting in archaeological or ethnographic field work. The program supported two collection interns in 2004; one intern conducted inventory, photography, and re-housing of the North American Ethnographic Collection, as well as re-housing of the southwest Asian archaeological collection, and the other re-housed material in the Pacific Collection in preparation for the move to the Collections Resource Center. Three "field" interns worked on archaeological excavations in Peru--two with Assistant Curator Ryan Williams and one with MacArthur Curator Jonathan Haas.

GRADUATE PROGRAMS

University of Chicago – Committee on Evolutionary Biology (CEB). This doctoral-degree granting program within the division of Biological Sciences at the University of Chicago is a collaboration among the University, The Field Museum, Brookfield Zoo, Lincoln Park Zoo, and Argonne National Laboratory. Its faculty has been training doctoral students for research and teaching careers in evolutionary biology for more than 35 years. Twenty Field Museum scientists are actively involved in the CEB graduate training program, comprising a third of its faculty and supervising two-thirds of its Ph.D. candidates. For more than a decade, a Field Museum curator has served as Associate Chair of the CEB. Greg Mueller, Curator and Chair of the Botany Department, was elected Associate Chair in September of 2004, replacing John Flynn, who had served since 1995. Currently, sixteen CEB students are conducting Field Museum-based projects.

University of Illinois at Chicago/Field Museum Joint Degree Program in Anthropology. This program fills a unique niche in the world of university education.† The program was formally established in 1995 in order to strengthen anthropology course offerings at UIC (enabling the UIC Anthropology program to grant the Ph.D. degree), and to facilitate access by UIC faculty and students to Museum collections.† The Field Museum's anthropology curators have adjunct professor status at UIC, and interested anthropologists at the University have adjunct curator status at the Field Museum.† Faculty at both institutions serve jointly on admissions committees for students and on search and promotion committees for teaching and curatorial staff.† Field Museum Curators teach on a regular basis at UIC, and UIC graduate students actively

conduct research in Anthropology collections and labs.† The joint Ph.D. program plays a key role in facilitating communications among anthropologists in the Chicago area.† Most of the program's Ph.D.s to date have either been advised by Museum curators or have used the analysis of the Museum's collections as a key part of their doctoral research.

†

Northwestern University/Field Museum Program in Anthropology.†† Formalized in Fall 2001, this program consolidated an emerging relationship between the Anthropology programs at the Museum and Northwestern.† As with the UIC program, Field Museum anthropology curators have received adjunct professor status at Northwestern, and engage in regular teaching duties that are part of the Northwestern University course offerings, and select NU anthropologists have adjunct curator status at the Field.† Northwestern University students have been incorporated in Museum field and lab studies.†

University of Illinois at Chicago – Ecology and Evolution Program. This graduate-degree granting program within the Department of Biological Sciences at the University of Illinois at Chicago is a collaboration of the department's eight organismal biologists with nine curators at The Field Museum, as well as scientists from the Brookfield Zoo, Morton Arboretum and other area institutions. The collaboration grew out of joint interest in training international colleagues, and the program has hosted three MacArthur-sponsored programs for training in tropical conservation, as well as several NSF-funded programs in Botany and Zoology. Nine students based in the Museum's Zoology Department are currently pursuing their graduate studies under this program. Bruce Patterson (Zoology) and Scott Lidgard (Geology) serve as institutional liaisons.

Resident Graduate Students. Field Museum scientists lend their expertise to both undergraduate and graduate instruction at universities in the Chicago area and around the world. As the Higher Education section demonstrates, university teaching is central to the activity of Field Museum curators, as is graduate student advising and dissertation supervision. Among the graduate students mentored and advised by Field Museum curators is a core group of graduate students whose work is squarely based in The Field Museum's collections and labs. During the past year The Field Museum provided training in collections-based research to 74 resident graduate students, from the University of Chicago, the University of Illinois at Chicago, Northwestern, Loyola University, DePaul University, and Southern Illinois University, as well as the University of Utah, Ohio State University, the Instituto de Ecología, Zalapa in Veracruz, MEXico, Moi University in Kenya, Charles University in the Czech Republic, and the University of Essen, Germany.

COMMUNITY-BASED TRAINING

Calumet Environmental Education Program. The Calumet Environmental Education Program (CEEP) was launched in August 2002 by Environmental and Conservation Programs as a new model of conservation education, one that translates science into action for students and educators in the Calumet region of Chicago. Students participate in a consecutive ladder of conservation education programs, linking and building process skills and knowledge from one grade level to another. The three conservation education programs, *Mighty Acorns* (grades 4-6), *Earth Force* (grades 6-8), and *UrbanWatch* (grades 9-12), engage young people in scientific, hands-on learning about biodiversity and conservation, resulting in action-oriented projects. During 2004, CEEP supported 62 educators and more than 1,850 students at Washington High School and all of its eight feeder elementary schools: George Washington; Virgil Grissom; Henry Clay; Jane Addams; John Marsh; Orville Bright; Douglas Taylor; and Gallistel Language Academy. The program was also expanded to the Altgeld Gardens community, where 16 educators and 350+ students from Ira F. Aldridge, William E. B. DuBois, Our Lady of the Gardens and Carver Middle School participated.

CEEP staff trained 42 educators from Washington High School and its eight feeder schools in a four-day Summer Institute in August 2004, and hosted two Inquiry Groups (March and December 2004) for participating educators. In July 2004, seven Altgeld Gardens teachers attended a four-day CEEP introductory workshop, *The Wonders of Calumet*. In December 2004, Altgeld Gardens teachers also attended an Inquiry Group, *Exploring Biodiversity*, at The Field Museum. An Inquiry Group is an organized meeting for all CEEP educators (grades 4-12) during the school year to provide them with opportunities to network with other teachers and enhance skills and subject knowledge from experts. These meetings are also a time for teachers to exchange ideas about activities and teaching methods, learn technology and build camaraderie between various grade levels.

Mighty Acorns. The Mighty Acorns program, a Chicago Wilderness model environmental education program, connects urban youth (grades 4 through 6) with nature through direct experiences in stewardship and exploration and thereby broadens community involvement in the protection and restoration of natural areas in the Chicago region. The students participate in seasonal field trips to local natural areas to engage in stewardship activities such as removing invasive garlic mustard plants, releasing *Galerucella* beetles on invasive purple loosestrife plants and collecting seeds from native plants for habitat restoration. Over 1,270 students from eleven elementary

schools are working with Field Museum staff to help restore and preserve the native ecosystems of the Calumet region in northeastern Illinois.

Earth Force. Earth Force supports educators and students in the Calumet region of Southeast Chicago and Northwest Indiana in three programs, Community Action and Problem Solving (CAPS), Global Rivers Environmental Education Network (GREEN) and Earth Force After School. Over 950 students from ten elementary schools participated in Earth Force in the Calumet region in 2004. Students investigate their community and local watershed through guided field trips, media and Internet research, water quality monitoring and classroom speakers. Students use this information to design and implement action projects to make long-term sustainable improvements to the environment. During 2004, Earth Force action projects included designing and planting native gardens, releasing *Galerucella* beetles on invasive purple loosestrife plants, greenway beautification, and water monitoring at Wolf Lake and Lake Michigan at Calumet Park.

UrbanWatch. UrbanWatch, an environmental monitoring program developed in partnership with the Illinois Department of Natural Resources, engages teachers, high school students and adult citizen scientists in conducting biological inventories of urban green spaces such as schoolyards, parks and backyards. During 2004, UrbanWatch hosted three educator workshops, one volunteer training workshop and four volunteer monitoring days. Over 600 students and volunteers monitored the biodiversity of priority natural areas in the neighborhoods, or near their schools. Highlights from UrbanWatch student projects included clean-up days on the Burnham Greenway and planting native gardens on school grounds.

Calumet Stewardship Initiative. As a member of the Calumet Stewardship Initiative (CSI), The Field Museum's CEEP students are connected within the Calumet region to the resources and expertise of numerous local, regional and state organization members. By focusing on one geographic area, The Field Museum has been able to develop deep relationships with conservation partners and educators in CSI. Trust has been built through our contributions to community meetings and our follow-through on commitments made, especially to educators. ECP staff attends regular CSI meetings throughout the year to support events such as the Calumet Stewardship Day. On May 26, 2004 CSI hosted the second annual Calumet Stewardship Day for over 900 students (grades 2-12) from the Calumet region.† The event engaged local students in hands-on education and restoration stations at three sites: Wolf Lake; Eggers Woods; and Powderhorn Lake.† These are the same three

sites inventoried during the 2002 Calumet BioBlitz, during which 2,257 species were identified.† Restoration work included releasing *Galerucella* beetles on the invasive purple loosestrife plants, garlic mustard removal, and native tree nursery maintenance. Local organizations from the Calumet region, government agency representatives and others led the hands-on education and restoration activity stations.

Illinois Biodiversity Basics Training. In spring 2004, ECP and Education staff co-hosted a second Illinois Biodiversity Basics Training for seven teachers region-wide. These teachers participated in a workshop focused on local biodiversity and conservation education offered through the Illinois Biodiversity Basics curriculum. Teachers had an opportunity to incorporate biodiversity basics activities into museum exhibits and to practice field related biodiversity activities at sites throughout the Calumet region.

Urban Research Programs. In 2003, the Center for Cultural Understanding and Change received support from The Ford Foundation to expand its urban research program through the creation of the Urban Research and Curriculum Transformation Institute (URCTI).† The Center has since hosted 21 faculty fellows over two summers to study CCUC techniques, learn to incorporate diverse community voices into research and teaching practices, and provide their students with urban research field experience.† Fourteen interns conducted community-based ethnographic research during the same time period.† During the summer of 2004 interns conducted research around the topic of "land use" with their community partners in Englewood, South Chicago, North Kenwood/Oakland, West Garfield Park and Chicago Lawn.† Overall, 44 graduate and undergraduate students from across the nation have participated in CCUC urban research programs, investigating a wide range of issues affecting Chicago's diverse neighborhoods, such as displacement due to gentrification, environmental awareness, and the role of gardening, informal communication networks and arts assets in building community.† Their research, disseminated through the CCUC website (www.fmnh.org/urbanresearch/) and the urban research journal *Perspectives on Civic Activism and City Life*, demonstrates how people work toward positive change on issues that affect the land they use in their daily lives.

PROFESSIONAL AND FIELD-BASED TRAINING

Ecology Training Program/Université d'Antananarivo. The Field Museum and World Wildlife Fund (WWF) Madagascar are joint collaborators in a training program that provides field and classroom training in the biological sciences for Malagasy graduate students through a program of research field trips in Madagascar, seminars at the

Université d'Antananarivo, and collections work at the Museum. This project, which started in 1993, has resulted in over 40 Malagasy students earning higher degrees within the national university system in the fields of zoology and conservation biology. These graduates are obtaining important posts in the non-government and government sectors on Madagascar and are rapidly advancing conservation programs on the island.† In addition, more than 200 Malagasy students have taken part in field trips and field schools, and the program has yielded more than 300 scientific publications.† Considerable effort has also been devoted to building the collections at the Université d'Antananarivo museum.

NSF PEET projects. The PEET program (Partnerships for the Enhancement of Expertise in Taxonomy), the National Science Foundation's response to ever-shrinking expertise in "whole organism" biology, makes major grants to support intensive studies of "under-studied" organisms, with training a major component of each project. Projects provide comprehensive training in collections-based, monographic studies for postdoctoral associates, graduate students, and undergraduate interns. The Field Museum has four PEET grants currently underway:

- Margaret Thayer (Zoology): "Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)."
- Sabine Huhndorf (Botany): "Monographs of Two Key Genera and Family-Level Phylogeny (Fungi, Ascomycetes, Sordariales)." (This is the second PEET grant held by this investigator.)
- Rüdiger Bieler (Zoology): "Bivalves: Research, Training, Electronic Dissemination of Data."
- Petra Sierwald (Zoology): "The Diplopoda: Research, Taxonomic Training and Computerization."

Training Programs for Central American Mycology Students and Young Professionals.

The Museum's Mycology group continued capacity-building programs for training the next generation of Central American mycologists during 2004. Robert Locking organized a course on lichens at the University of Costa Rica focusing on the diversity and identification of lichenized fungi. Participants included students from Mexico, Central America and Peru. Robert, Greg Mueller, and Betty Strack worked closely with the mycology curators, technicians, and parataxonomists at INBio (National Biodiversity Institute) during research and training visits to Costa Rica. Greg and Betty also provided in-the-field training in Guatemala for University of Guatemala mycologist Osberth Morales and his students; Morales has participated in each of Greg's training programs and credits this capacity-building as being instrumental in his development. All these activities are in response to the need for training in fungal systematics/biodiversity for Central American scientists, which has been

identified as a high priority for the region by The Mesoamerican and Caribbean Herbaria Association. The primary goal of this capacity-building activity is to develop a corps of individuals who can document the fungi throughout Central America. It will also serve as the foundation for a network aimed at sharing information, resources and expertise, and the development of joint projects. This work is now showing signs of success: mycological inventories are being initiated in most Central American countries, there is a new systematic mycologist in Guatemala, and several other trainees are pursuing graduate studies in mycology.

Biodiversity in the Democratic Republic of Congo and Uganda.† 2004 marked the fourth year of the MacArthur Foundation-sponsored training program at the Centre de Recherche en Sciences Naturelles (CRSN) in Lwiro, Bukavu, Democratic Republic of Congo.† Led by Zoology Department Chairman John Bates (Zoology/Birds) the "Programme Biodiversité des Ecosystèmes Aquatiques et Terrestres dans le Rift Albertin (PBEATRA)" is a collaboration for capacity-building between The Field Museum and the three Congolese institutions: CRSN, the Centre de Recherche Hydrobiologique (CRH, Uvira), and the Institut Congolais pour la Conservation de la Nature (ICCN).† The course was delayed a month by a flare-up of instability which continue to plague the region, but in August, for the second year in a row, the course was able to work in Kahuzi-Biega National Park, a World Heritage Site administered by ICCN.† MacArthur funding also supported a visit to the US by Ugandan doctoral student Mathias Behangana.† Like Congolese doctoral student Charles Kahindo, who was in Chicago in late 2003 and early 2004, Mathias is a MacArthur-supported doctoral student at Makerere University in Uganda.† Mathias spent his time in Chicago working on his dissertation on Amphibian diversity patterns in the Albertine Rift and interacting with Dan Brinkmeier (Environmental and Conservation Programs) regarding initiatives for bringing science to the public. Dan traveled to the DRC and Uganda in November with John Bates to meet with colleagues at collaborating institutions, and participated in workshops on environmental outreach in the DRC and Uganda that corresponded with a reunion meeting of participants in the African Biodiversity Training Program, a MacArthur-sponsored training program in Uganda from 1997-2000.

Illinois Natural History Survey's Purple Loosestrife Workshop. ECP staff partnered with the Illinois Natural History Workshop to offer a Purple Loosestrife workshop to Calumet teachers in January 2004. Thirty formal and informal educators attended the training and incorporated the resources presented during their 2004 environmental education projects. The workshop included classroom activities and instruction on raising purple loosestrife plants for the rearing of *Galerucella* beetles to be

released on invasive loosestrife in targeted areas in Calumet. Many of the workshop attendees released their beetles at the 2004 Calumet Stewardship Day in May 2004 and plan to continue to participate in the Purple Loosestrife Project during 2005.

Environmental Education in Pando. ECP is working with the Cobiya School District, the Centro de Investigaci3n y Preservaci3n de la Amazonia (CIPA), the Amazonian University of Pando (UAP), and the Cobiya Natural History Museum "Pedro Villalobos" to promote widespread community participation in conservation. In the spring, summer and fall of 2004, Anne Umali facilitated nine educator capacity-building workshops and finished the pilot phase of the program introducing a conservation school curriculum. Using the Calumet Environmental Education Program (CEEP) continuum as a model, Anne worked with local partners to create, adapt and implement a school curriculum with a similar consecutive, action-based conservation education approach. Students in this program continuously build upon newly acquired skills throughout primary and secondary school. During 2004, ECP and its local partner institutions supported 60 teachers from 13 different schools in Cobiya in implementing the following three school curriculums: *Poderosas Casta0itas*, *Protegiendo Nuestras Cuencas Hidrol3gicas*, and *Cuidado Urbano*. Anne also facilitated a three-day Introduction to Environmental Education university workshop on environmental education theory, practice and evaluation for 18 UAP science and education students. In March 2004, ECP began a series of environmental education presentations for rural communities. Anne, with CIPA partners, facilitated presentations in four rural communities in western Pando. During these presentations, communities learned about regional biodiversity and participated in the production of a family booklet and poster about the values and threats to Pando forests. International Community Outreach Manager Dan Brinkmeier continues informal training for staff and undergraduate students at UAP, including specialized training in museum collections management (in collaboration with Field Museum zoologists in the divisions of Mammals and Fishes), and media production.

Philippines biodiversity and conservation. Curator Larry Heaney (Zoology/Mammals) has been working for more than two decades on documentation and conservation of vertebrate biodiversity in the Philippines, and training has been a prominent component of this project. The Philippines is now considered to have perhaps the highest concentration of unique biodiversity of any country, but is also listed as one of the most severely threatened. With funding from the Museum, the National Science Foundation, and the MacArthur Foundation, Larry has trained some fifty young Filipino university biologists, park managers, and government officials in techniques for field biodiversity assessment, protected area and wildlife management, analysis of conservation priorities, and faunistics. In 2004, he led a team of biologists from Filipino

museums and conservation organizations to complete the first comprehensive survey of the vertebrates of two isolated mountain chains, and collaborated with Conservation International on surveying another area, resulting in the discovery of at least eight new species of mammals. In the process, three young mammalogists received training in biodiversity survey techniques.

ACADEMIC AFFAIRS INTERNS, 2004

HIGH SCHOOL INTERNS

Department of Anthropology

David Godow, Francis W. Parker School; Kayla Hernandez, Whitney Young High School.

Department of Botany

Daniel Duron, Northside College Preparatory High School.

Environmental and Conservation Programs

Biodiversity Explorers: James Crowell, Thornwood High School; Guadalupe Guerrero, Carver Military Academy High School; Adrian Harris, Morton High School; Arthur Lon, Schurz High School; Maruja Yoshimura, Northside College Preparatory High School.

Department of Geology

Yevgeniya Andriyevskaya, New Trier High School; Emma Cape, Illinois Math and Science Academy.

Department of Zoology

Paul Finnegan, Evanston High School; Rachel Flynn, New Trier High School; Donnie Moore, Walter Payton High School; Matthew Perisin, Wheeling High School.

UNDERGRADUATE STUDENT INTERNS

Department of Anthropology

Ernest Whiteman, with/for Crow Tribe; Michelle Eaton, Syeda Razeen, Bridgette Wells, Loyola University; Jessica Lechuga, New York University; Laura Linde, North Central College; Nicole Simon, Northern Illinois University; Ashley Beckwith, Jessica L. Canas, Karen Chen, Monica Dyrzcz, Stephanie Jaco, Northwestern University; Amber Billey, The School of the Art Institute of Chicago; Jackie Timothy, Salish Tribe; Emily Olsen, University of Arizona; Ben Boye, Katherine Craig, Andrea Thomalla, University of Chicago; Allison English, University of Illinois at Champaign; Sam Redman, University of Minnesota/Morris; HyeJin Kim, Jacob Weiler, University of Notre Dame.

Department of Botany

Justin Cummings, Eastern Illinois University; Kevin Brennan, Illinois Wesleyan University; Patrick Hogan, Kevin Dean, University of Chicago; Stefanie Kautz, University of Duisburg-Essen, Germany; Wyatt Gaswick, University of Illinois at Chicago; Yi Yan, University of Illinois/Urbana-Champaign; Dwyer Kilcollin, Washington University, St. Louis, MO.

Center for Cultural Understanding and Change

Anmar Al-dajani, North Park University Chicago; Maria Teresa Campos, University of Notre Dame; Ryan Hollon, University of Chicago; Yariella Coello, Northwestern University; Stephanie Jaco, University of Durham,

U.K.; Mario McHarris, University of Illinois Urbana-Champaign; Andrea Rincon, University of Illinois at Chicago; Elena Rubin, Grinnell College; Ivan Stephens, Robert Morris College; Kelly Thomas, DePaul University.

Environmental and Conservation Programs

Rutilio Paredes, Fundaci n Abi Yala, Panama; Emily Olson, Northwestern University; Lilli Carr , Christina Nawrocki, The School of the Art Institute of Chicago; Lydia Gentry, University of Chicago; Ute Knoerr, University of Essen, Germany; Gil Jimenez, University of Illinois at Chicago; Vera Lis Cruz Rodriguez, University Sao Paulo, Brazil.

Department of Geology

Kyle Iverson, DePaul University; Brandon Kilbourne, Louisiana State University; Stuart Fox, Madeleine McLeester, Hannah Park, Lev Spivak-Birndorf, University of Chicago.

Department of Zoology

Allison Garoza, College of the Atlantic; Rachel Tredon, Columbia College; Melissa Carillo, Jason Ephraim, Loyola University; Rebekah Shuman, North Park University; Monika Borkowska, Jessica Given, Vijay Paniker, Northeastern Illinois University; Anthony Marinello, St. Xavier University; Rebecca Banasiak, Danyel Ferrari, The School of the Art Institute of Chicago; Elizabeth Bastiaans, Jon Douglas, Ann Hinterman, Rebecca Kramer, Grace Krauss, Kevin Miklasz, Vanessa Ng, and James Waters, University of Chicago; Scott Fecho, Karina Ica, University of Illinois at Chicago; Judith Wan, University of Michigan; Melissa Tour , University of Paris.

GRADUATE STUDENT INTERNS

Department of Anthropology

Annette Gavigan, John F. Kennedy University; Monica Hudak, State University of New York at Buffalo; Lisa Niziolek, University of Illinois at Chicago.

Center for Cultural Understanding and Change

Gustavo Rivera, University of Chicago; Cara Spicer, University of Indiana Northwest; Ivan Stephens, Robert Morris College.

RESIDENT GRADUATE STUDENTS, 2004

DEPARTMENT OF ANTHROPOLOGY

Charles University, Czech Republic
Pavel Onderka

Moi University, Kenya
Paul Wahi

Northwestern University
Robin Coleman

Ohio State University
Amelia Hubbard

University of Illinois at Chicago
Ken Batai, Sofia Chacaltana,
Jennifer Clark, Dan Corkill, Chris
Davis, Deborah Green, Matthew
Gross, Nam Kim, Lisa Niziolek,
Rahul Oka, Rebecca Osborn, Joe
Szymczak, Laura Waterbury, Cyril
Wilson, David Wright, Andrew
Wyatt, Melanie Zacher

DEPARTMENT OF BOTANY

University of Chicago
Sara Branco, Michael Fitzsimons,
Kelly Gravier, Matthew Kierle

University of Essen, Germany
Armin Mangold, Nora Wirtz

University of Illinois at Chicago
Amanda Koch, Amy Libman, Tatiana
Lobo, Joanna Michael, George
Mugambe, Huu Nguyen, Lymari Ruiz-
Sanchez, Malini Siram, Donna
Webster

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

DePaul University
Deanna Schoss

ENVIRONMENTAL AND CONSERVATION PROGRAMS

Northeastern Illinois University
Laura Torres

University of Chicago
Dan Davison

University of Illinois at Chicago
Elaine Hooper, Maria Luisa Jorge,
Tatiana Lobo, Gabriela Nuez

DEPARTMENT OF GEOLOGY

Northwestern University
Richard Barclay, Michael
Fortwengler

University of Chicago
Jack Conrad, David Cook, John
Finarelli, Anjali Goswami,
Christian Kammerer, Virginia
Miller, Surangi Punyasena, Liping
Qin

DEPARTMENT OF ZOOLOGY

Instituto de Ecología, Zalapa,
Veracruz, México
Julian Bueno Villegas

Loyola University
Janelle Morano

University of Chicago
Ana Carnaval, James Cooper, Dan
Davison, Erin Grey, Christian
Kammerer, Aaron Rice, Trina
Roberts, Becca Rowe, Melissah
Rowe, Brian Sidlauskas, Charles
Stayton, Dean Thorsen

University of Illinois at Chicago
Isabel Caballero, David J. Clarke,

University of Illinois at Chicago
Patricia Williams

Norbert Cordeiro, Terrence Demos,
Jennifer Fessler, Malu Jorge,
Bryan Stuart, JosÈ Tello, Paul
Velazco.

ACADEMIC AFFAIRS VOLUNTEERS, 2004

DEPARTMENT OF ANTHROPOLOGY

Sanae Akiyoshi, Amy Arsenault, Carola Ballester, Gail Barnes, Janice Bell, Kathryn Berg (Chinese and Mesoamerican Archaeology), Monika Borkowska (CRC), Jennifer Brand, Tamira Brennan (Archaeology), Tatsumi Brown, Joan Brodsky, Nicholas Carrier (Circum-Caribbean Archaeology), Aloysius Chen, Jennifer Clark, Robin Coleman, Joan Connor, Connie Crane, Elizabeth DiVincenzo, Lousie Elinoff, Allison English, Lora Lee Fry (Mesoamerican Archaeology), Peter Gayford (African Archaeology), Alex Gidwitz (Mesoamerican Archaeology), David Goldstein, Lisa Goodwin (Registration), Juliana Guimaraes, Sarah Jane Guth (CRC Historic Archaeology), Amanda Hartman (CRC), Taeko Hashimoto (Asian Anthropology), Warren Haskin (History of the Department of Anthropology), Francis Heller, Ilse Henley, Elizabeth Ann Holder (Mesoamerican Archaeology), Elizabeth Holsapple (Conservation), Alisha Hudson, Cheryl Istvan (Asian Anthropology), Jacqueline Jackson, Belen Jaquez (Southwestern Archaeology), Santiago Juarez, Leonore Levit (Asian Ethnology and Archaeology), James Le Fager (Mesoamerican Archaeology), Adam Leon (Mesoamerican Archaeology), Robert Lewis, James Listak, Renee Logan, Gregory Lucas (Mesoamerican Archaeology), Diane Luhmann (Registration), Robert McFaland, Jennifer McMahon (Near Eastern Archaeology), Jack MacDonald (Registration), Robert MacFarland (Circum-Caribbean Archaeology), Barbara Majerczyk (New Guinea Research Program), Michael Martinez Mann (CRC), Eva Mannaberg (Registration), Dan Maratto, Sabina Matachowska (CRC), Holly Meier (Registration), Josephine Meleico, Carolyn Moore (Asian Anthropology), Monica Moran-Pachl, David Moreno, Reiko Mrozik (Asian Anthropology), Ellis Murphy (Mesoamerican Archaeology), Katie Nash (Collections), Lisa Nosek, Hiroyoshi Noto (Asian Anthropology), Anne Nowicki (CRC), Kari Oakes (Mesoamerican Archaeology), Judy Odland, Rahul Oka (African Archaeology), Christina Pannos (Mesoamerican Archaeology), Juliana Philipp, Dorothea Phipps-Cruz (Registration), Mary Prindville (Registration), Timothy Quinn, Karl Reko, Nicole Roth (Registration), Alan Rushakoff (Registration), Kathryn Ryberg, Akiko Saito (Asian Anthropology), Jennifer Schaffer, Esther Schechter (Oceanic Archaeozoology and Ethnology), Lynne Schiele (Registration), Pamela Schrader, Barbara Schwartz, Lauren Schwartz (Mesoamerican Archaeology), Kavita Sharma (African Archaeology), John Shea, Julie Simek, Tamara Siuda (CRC Historic Archaeology), Beth Spencer (Chinese and Mesoamerican Archaeology), Sarah Stone (Mesoamerican Archaeology), Lisa Stringer (African Ethnology and Archaeology), Jeff Stefan, Joseph Szymczak, Tory Tellefsen, Ika Tomaszewsky (Southwestern Archaeology), Hsi-tsin Tsiang (Asian Anthropology), Micah Urban (Oceania, Anthropology), Mary Vermilion (North American Archaeology), Jean Vondriska (Asian Ethnology and Archaeology), Keito Waki (Asian Anthropology), Kate Warden (Mesoamerican Archaeology), Kyoko Watanabe (Asian Anthropology), William Willoughby (Conservation), Brian Wilson, Monica Wood (African Archaeology), Shannon Workman, Edward Yastrow (Prehistoric Archaeology), Yuko Yoshida, Erica Zahnle, Kevin Zhou (Asian Anthropology).

DEPARTMENT OF BOTANY

Barbara Bouton (Bryology), Karen Engel (Bryology), Mary Feay (Mycology), Shana Gallant (Bryology), Nancy Klaud (Scientific Illustration/Vascular Plants), David Mutch, (Vascular Plants), Alice Pilar (Mycology), Brian Trice (Mycology/Bryology), Jacqueline Van De Veire (Vascular Plants), Dirk Witzke (Lichenology).

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Jonathan Dold, Elise Fulara, Jessica Mackowick, Jeannette Matuska, Joe McHaley, Andrea Rinc n, Lisa Schergen, Rosalee Sotelo, Cara Spicer, Meagan Sutton.

ENVIRONMENTAL AND CONSERVATION PROGRAMS

Joe Becker, Peter Cruikshank, Bethany Gast, Dr. Richard Kampwirth, Sylvia Lewin, Sarah Olinger, Carolina Puentes, Hugo Quiroz, Fred Rodriguez.

DEPARTMENT OF GEOLOGY

Irene Broede (Vertebrate Paleontology), Thomas Burke (Paleobotany), Mary Sue Coates (Invertebrate Paleontology, Meteoritics), Larry Coronelli (Paleobotany), Courtenay Corrado (Vertebrate Paleontology), David Dolak (Invertebrate Paleontology), Dana Eklund (Vertebrate Paleontology), Mike Eklund (Vertebrate Paleontology), Jim Fairchild (Invertebrate Paleontology), Erin Fitzgerald (Vertebrate Paleontology), Alison Flynn (Vertebrate Paleontology), Stuart Fox (Dinosaurs), Dario Giacomoni (Paleobotany), Donna Katz (Invertebrate Paleontology), Tom Kerstann (Vertebrate Paleontology), Dennis Kinzig (Vertebrate Paleontology), Joanne Kluga (Vertebrate Paleontology), Pamela Knight (Vertebrate Paleontology), Carolyn Levitt (Vertebrate Paleontology), Lindsay Ann MacKenzie (Vertebrate Paleontology), Kendra Massey (Vertebrate Paleontology), John McConnell (Invertebrate Paleontology), Nancy Miller (Paleobotany), Michael Minow (Vertebrate Paleontology), Brian Morrill (Vertebrate Paleontology), Karen Nordquist (Vertebrate Paleontology), Lillian Parker (Vertebrate Paleontology), Ken Peters (Paleobotany, Invertebrate Paleontology), Rickie Ryan (Vertebrate Paleontology), Neil D. Sharp (Vertebrate Paleontology), Julie Smentek (Vertebrate Paleontology), Margret Steinhorsdottir (Invertebrate Paleontology), Wendy Taylor (Invertebrate Paleontology), Hedy Turnbull (Vertebrate Paleontology), Mary Valsa (Vertebrate Paleontology) Warren Valsa (Vertebrate Paleontology), Karen Vendl (Physical Geology), Mark Vendl (Physical Geology), Ray Vodden (Vertebrate Paleontology), Jack Wittry (Paleobotany, Invertebrate Paleontology), George Wolnak (Vertebrate Paleontology), Steven Zitowsky (Vertebrate Paleontology).

DEPARTMENT OF ZOOLOGY

Tom Anton (Amphibians and Reptiles), Dan Barton (Birds), Helen C. Bonbrest (Invertebrates), Eric Brossman (Fishes), Renee Buecker (Insects), Peter Buol (Birds), Isabel Caballero (Mammals), Fredell Campbell (Mammals), Dr. Sidney Camras (Insects), Sarah Drasner (Amphibians and Reptiles), Marion Dunn (Fishes), Stanley Dvorak (Invertebrates), Alison Ebert (Mammals), Ralph Eiseman (Birds), Antonia Fuerst (Mammals), Celesia Gastone (Mammals), Arlene Ghiron (Insects), Harvey Golden (Mammals), Joan Goldstein (Fishes), Alex Grohman (Mammals), Lazaro Guinazu (Mammals), Jennifer Gura (Insects), Richard Guzik (Invertebrates), Kiyoko Hamilton (Mammals), Henry Hankin (Mammals), Adrian Harris (Insects), Herbert Hymen (Birds), Edwin Kapus (Invertebrates), Dr. James Kase (Insects), Melissa Kelly (Mammals), Stephanie Kelly (Mammals), Judith Kittle (Mammals), J. Klopp (Mammals), Ricard Landau (Mammals), Adrian LeCesne (Mammals), Armand Littman (Invertebrates), Ryan Lucas (Birds), Leslie Major (Birds), Carl Malstrom (Invertebrates), Teresa Mayfield (Amphibians and Reptiles), Noori Mohamed (Amphibians and Reptiles), Donnie Moore (Mammals), Troy Nowak (Birds), Kayte O'Brien (Amphibians and Reptiles), Susan Okey (Insects), Michael Peters (Insects), Madiha Qureshi (Mammals), Andrea Previtali (Mammals), Sheila Reynolds (Mammals), Avery Russell (Invertebrates and Mammals), Yvi Russell (Invertebrates and Mammals), Louis Salas (Birds), Nina Sandlin (Insects), Joy Schmoll (Amphibians and Reptiles), Elizabeth Simmons (Insects), Karen Stainbrook (Amphibians and Reptiles), Dan Tian (Invertebrates), Sandy Van Tilburg (Birds), Arleen Tisma-Marks (Chair's office), Sezgi Ulucam (Invertebrates), Christine Vittoe (Invertebrates), David Walker (Invertebrates), Gerald Washington (Mammals), Sarah Watson (Fishes), Joseph Zich (Invertebrates).

HONORARY APPOINTMENTS, 2004

DEPARTMENT OF ANTHROPOLOGY

Curator Emeritus

Phillip Lewis, Ph.D., Primitive Art, Melanesian Ethnology

Adjunct Curators

Deborah Bakken, Ph.D., East Asian Archaeology and Zooarchaeology

William Barnett, Ph.D., Old World Prehistory

Brian Bauer, Ph.D., Andean Archaeology

James A. Brown, Ph.D., North American Archaeology

Elizabeth Brumfiel, Ph.D., Mesoamerican Archaeology

Andrew L. Cousins, Ph.D., Palestinian and Medical Anthropology

Winifred Creamer, Ph.D., Mesoamerican and Southwest Archaeology

Timothy Earle, Ph.D., Archaeology of Complex Societies

Robert L. Hall, Ph.D., Plains and Midwestern Archaeology and
Ethnography

Chuimei Ho, Ph.D., East and Southeast Asian Art and Archaeology

Paul Hockings, Ph.D., Southern Asia Social Anthropology

Katherine Hoffman, Ph.D., Linguistic and Sociocultural Anthropology

Laura Junker, Ph.D., Complex Societies, Maritime Trade, and Ceramic
Production

Lawrence H. Keeley, Ph.D., Europe and North American Paleolithic
Archaeology

Waud Kracke, Ph.D., Social Anthropology, Psychoanalysis, Dreams

Sibel Barut Kusimba, Ph.D., African Archaeology

Christopher W. Kuzawa, Ph.D., Health, Human Growth and Development

William Leonard, Ph.D., Biological Anthropology

Mark Lietchty, Ph.D., Anthropology and History

Thomas McDade, Ph.D., Human Biology

John Monaghan, Ph.D., Anthropology and History, Religion

Donna Nash, Ph.D., Andean Archaeology

Linda Nicholas, M.A., Mesoamerican Archaeology

Joel Palka, Ph.D., Mesoamerican Archaeology

James L. Phillips, Ph.D., Old World Prehistory, Stone Tools

Jack H. Prost, Ph.D., Physical Anthropology and Primate Behavior

David Reese, Ph.D., Archaeozoology

Cynthia Robin, Ph.D., Archaeology, Social Organization

Helen B. Schwartzman, Ph.D., Psychological Anthropology

Sylvia Vatuk, Ph.D., Cultural, Gender, and Urban Anthropology, India

Mary J. Weismantel, Ph.D., Cultural Anthropology, Food, Adoption

Robert L. Welsch, Ph.D., Oceania

Cameron Wesson, Ph.D., Household Archaeology, Southeastern United
States

Sloan Williams, Ph.D., South American Bioarchaeology

Research Associates

Kathleen Adams, Ph.D., Sociology

Dean E. Arnold, Ph.D., Mesoamerican and South American Archaeology and
Ethnology

Philip J. Arnold, III, Ph.D., Mesoamerican Archaeology, Craft
Production and Ethnoarchaeology

Robert C. Bailey, Ph.D., Biological Anthropology, Africa

Jane Eva Baxter, Ph.D., Historical Archaeology

Richard Blanton, Mesoamerican Archaeology
 Deborah Blom, Ph.D., Andean Bioarchaeology
 Joshua Borstein, Ph.D., Mesoamerican Archaeology
 Jane E. Buikstra, Ph.D., Skeletal Biology, Paleopathology,
 Paleodemography, Forensic Anthropology
 William J. Conklin, Ph.D., Peruvian Anthropology
 Nicole Couture, Ph.D., Latin America
 Phillip J. C. Dark, Ph.D., African Ethnology
 Robert Feldman, Ph.D., Andean Archaeology
 Anne. L. Grauer, Ph.D., Physical Anthropology, Skeletal Biology, North
 America
 Augustin Ferdinand Charles Holl, Ph.D., West African Prehistory,
 African-American Archaeology
 F. Clark Howell, Ph.D., Old World Prehistory
 John Janusek, Ph.D., Andean Archaeology
 Carolyn Schiller Johnson, Ph.D., Ethnomusicology
 Janet H. Johnson, Ph.D., Near Eastern Archaeology
 Alan L. Kolata, Ph.D., Andean Archaeology and Ethnohistory
 Lyle Konigsberg, Ph.D., Physical Anthropology
 David Kuehn, Ph.D., Geoarchaeology
 Elizabeth Ann Lillehoj, Ph.D., Japan, Material Culture
 Charles E. Lincoln, Ph.D., Mesoamerican Archaeology
 Laura Litten, Ph.D., Visual Anthropology
 Maria C. Lozada, Ph.D., Peruvian Archaeology
 Mark Lycett, Ph.D., US Southwest Archaeology
 Luisa Maffi, Ph.D., Linguistics, Mexico
 Donald E. McVicker, Ph.D., Mesoamerican Archaeology
 Kathleen Morrison, Ph.D., South Asian Archaeology
 Michael E. Moseley, Ph.D., South American Archaeology
 Katherine Nelson, Ph.D., American Southwest Archaeology
 Nancy Parezo, Ph.D., American Indian Studies
 Nadine Ruth Peacock, Ph.D., Biological Anthropology, Africa
 Esther Schechter, Ph.D., Kinship
 Richard Schlott, Ph.D., Scientific Anthropology
 Ruth Shady, Ph.D., Andean Archaeology
 Fred H. Smith, Ph.D., Physical Anthropology
 John Edward Staller, Ph.D., Ethnoarchaeology, West Lowland South
 America
 Gil J. Stein, Ph.D., Near Eastern Archaeology
 Ann L.W. Stodder, Ph.D., Bioarchaeology, Oceania
 Edward Swenson, Ph.D., South American Anthropology
 Robin Torrence, Ph.D., Mediterranean and New Guinean Archaeology
 Nikolaas Johannes van der Merwe, Ph.D., African Archaeology and
 Metallurgy
 Ronald Weber, Ph.D., Amazon Basin and Northwest Coast Archaeology and
 Ethnology
 Donald Whitcomb, Ph.D., Egyptian Prehistory

Associates

Eloise Richards Barter, M.A., North American Ethnography
 Connie Crane, A.B., North American Ethnology
 Peter Gayford, B.A., African Archaeology and Ethnology
 John M. MacDonald, M.S., Oceania
 Carolyn Moore, B.A., Asian Material Culture
 Judy Odland, M.A., African and South American Textiles
 Edward Yastrow, B.A., Human Origins

DEPARTMENT OF BOTANY

Curator Emeritus

William Burger, Ph.D., Vascular Plants

Adjunct Curators

William A. Alverson, Ph.D., Vascular Plants

Eve Emshwiller, Ph.D., Ethnobotany

Fernando A. Fernández, Ph.D., Mycology

Robin B. Foster, Ph.D., Vascular Plants

Patrick Leacock, Ph.D., Mycology

Gary L. Smith Merrill, Ph.D., Bryology

Visiting Assistant Curator

Fred R. Barrie, Ph.D., Vascular Plants

Research Associates

John Atwood, Ph.D., Vascular Plants

Robert F. Betz, Ph.D., Vascular Plants

John E. Braggins, Ph.D., Bryophytes

Julietta Carranza, Ph.D., Mycology

Andrew Douglas, Ph.D., Paleobotany

Jesús García J., Biol., Mycology

Nancy Garwood, Ph.D., Vascular Plants

Sidney F. Glassman, Ph.D., Vascular Plants

Luis D. Gûmez, Ph.D., Mycology

Alfredo Gomez-Beloz, Ph.D., Vascular Plants

Jorge Gûmez Laurito, B.S., Vascular Plants

James G. Graham, Ph.D., Vascular Plants

Nancy Hensold, Ph.D., Vascular Plants

Patrick Herendeen, Ph.D., Vascular Plants

Sara Hoot, Ph.D., Vascular Plants

Michael Huft, Ph.D., Vascular Plants

Wei Jiang-Chun, Ph.D., Mycology

Marian Kadushin, Ph.D., Vascular Plants

Kuswata Kartawinata, Ph.D., Vascular Plants

Thomas G. Lammers, Ph.D., Vascular Plants

Segundo Leiva González, Ph.D., Vascular Plants

David Lentz, Ph.D., Vascular Plants

Blanca Leon, Ph.D., Pteridology

David P. Lewis, M.S., Mycology

Richard A. Lupia, Ph.D., Paleobotany

John F. Lussenhop, Ph.D., Mycology

James Luteyn, Ph.D., Vascular Plants

François M. Lutzoni, Ph.D., Lichenology

Maria de Milagro Mata Hidalgo, Mycology

Susana A. Magallón-Puebla, Ph.D., Paleobotany

Rogers McVaugh, Ph.D., Vascular Plants

Andrew Miller, Ph.D., Mycology

John (Jack) Murphy, Ph.D., Mycology

Cirilo Nelson, Ph.D., Vascular Plants

Lorin I. Nevling, Jr., Ph.D., Vascular Plants

Stephen Packard, Ecology

Patricio P. Ponce de Leon, Ph.D., Mycology

Kathleen Pryer, Ph.D., Pteridology

Victor Quipuscoa Silvestre, Ph.D., Vascular Plants

Jacinto C. Regalado, Jr., Ph.D., Vascular Plants
Abundio Sagastegui, Ph.D., Vascular Plants
Isidoro Sanchez Vega, Ph.D., Vascular Plants
Rudolf M. Schuster, Ph.D., Bryology
Alan R. Smith, Ph.D., Pteridology
D. Doel Soejarto, Ph.D., Vascular Plants
Tod F. Stuessy, Ph.D., Vascular Plants
Qiuxin Wu, Ph.D., Mycology
Kenneth Young, Ph.D., Vascular Plants

Associates

Betty Strack, M.S., Mycology

Field Associates

Sandra Knapp, Ph.D., Vascular Plants
Antonio Molina R., Ing. Agr., Vascular Plants

DEPARTMENT OF GEOLOGY

Curators Emeritus

Matthew H. Nitecki, Ph.D., Fossil Invertebrates
William D. Turnbull, Ph.D., Fossil Mammals
Bertram G. Woodland, Ph.D., Petrology
Rainer Zangerl, Ph.D., Fossil Fishes (*deceased 12/27/04*)

Research Associates

William L. Abler, Ph.D., Fossil Vertebrates
Edgar Allin, Ph.D., Fossil Vertebrates
David Bardack, Ph.D., Fossil Fishes
William Bemis, Ph.D., Fossil Vertebrates
Chris Brochu, Ph.D., Fossil Vertebrates
Greg Buckley, Ph.D., Fossil Vertebrates
Matthew T. Carrano, Ph.D., Fossil Vertebrates
Robert Clayton, Ph.D., Meteoritics/Geochemistry
Michael Coates, Ph.D., Fossil Fishes
Sir Peter R. Crane, Ph.D., Paleobotany
Darin Croft, Ph.D., Fossil Vertebrates
Nicolas Dauphas, Ph.D., Cosmochemistry
Andrew Davis, Ph.D., Meteoritics/Geochemistry
David Kenneth Elliott, Ph.D., Fossil Vertebrates
Greg Erickson, Ph.D., Fossil Vertebrates
Daniel Fisher, Ph.D., Fossil Invertebrates
John Flynn, Ph.D., Fossil Vertebrates
Michael Foote, Ph.D., Fossil Invertebrates
Catherine Forster, Ph.D., Fossil Vertebrates
Gary Galbreath, Ph.D., Fossil Vertebrates
Timothy Gaudin, Ph.D., Fossil Mammals
Terry Grande, Ph.D., Fossil Fishes
Lawrence Grossman, Ph.D., Meteoritics

Thomas Guensburg, Ph.D., Fossil Invertebrates
William Hammer, Ph.D., Fossil Reptiles
James Hopson, Ph.D., Fossil Vertebrates
David Jablonski, Ph.D., Fossil Invertebrates
Christine Janis, Ph.D., Fossil Mammals/other vertebrates
David Krause, Ph.D., Fossil Vertebrates
Michael LaBarbera, Ph.D., Fossil Invertebrates
Ricardo Levi-Setti, Ph.D., Fossil Invertebrates
R. Eric Lombard, Ph.D., Fossil Vertebrates
Ernest Lundelius, Ph.D., Fossil Mammals
Frank McKinney, Ph.D., Fossil Invertebrates
J. Michael Parrish, Ph.D., Fossil Reptiles
Roy E. Plotnick, Ph.D., Fossil Invertebrates
David Raup, Ph.D., Fossil Invertebrates
Robert R. Reisz, Ph.D., Fossil Reptiles
Frank M. Richter, Ph.D., Meteoritics
Ray Rogers, Ph.D., Sedimentology
Marcello Ruta, Ph.D., Fossil Reptiles
Paul Sereno, Ph.D., Fossil Reptiles
Neil H. Shubin, Ph.D., Fossil Vertebrates
Neil C. Sturchio, Ph.D., Meteoritics
Stuart S. Sumida, Ph.D., Fossil Vertebrates
Alfred Traverse, Ph.D., Fossil Plants/Paleopalynology
Leigh Van Valen, Ph.D., Fossil Mammals
Mark Webster, Ph.D., Fossil Invertebrates
Andr  Wyss, Ph.D., Fossil Mammals

Associate

Doris Nitecki, M.A., Fossil Invertebrates

DEPARTMENT OF ZOOLOGY

Adjunct Curators

Jack Fooden, Ph.D., Mammals
Julian C. Kerbis Peterhans, Ph.D., Mammals
Harry G. Nelson, S.B., Insects
Thomas S. Schulenberg, Ph.D., Neotropical Birds

Research Associates

Michael Alfaro, Ph.D., Molecular Systematics
Mary Ashley, Ph.D., Conservation Genetics
Wirt Atmar, Ph.D., Diversity and Community Structure
Warren Atyeo, Ph.D., Systematics of Acari
Rosemary Barraclough, Ph.D., Bird Blood Parasites
Jason E. Bond, Ph.D., Systematics of Diplopoda and Araneae
John Cadle, Ph.D., Herpetology
Angelo Capparella, Ph.D., Evolution of Neotropical Birds
Jose Maria Cardoso da Silva, Ph.D., Brazilian Birds
Donald S. Chandler, Ph.D., Systematics of Staphylinidae (Coleoptera)
Dale Clayton, Ph.D., Host/Parasite Coevolution
Barry Chernoff, Ph.D., South American Fishes/Conservation
Melissa Cogan-Morales, Ph.D., Bat Morphology
Timothy Collins, Ph.D., Molecular Evolution of Mollusks
Joel Cracraft, Ph.D., Avian Systematics and Evolutionary Biology

Kevin S. Cummings, Ph.D., Freshwater Bivalves
Marian Dagosto, Ph.D., Primates
Michael L. Draney, Ph.D., Systematics of Linyphiidae (Araneae)
Amy Driskell, Ph.D., Evolution of Birds and Bioinformatics
Brian Dyer, Ph.D., South American Fishes
Sharon Emerson, Ph.D., Functional Anatomy of Anura
Brian L. Fisher, Ph.D., Ants of Madagascar
John Fitzpatrick, Ph.D., Evolutionary Ecology and Biogeography of Neotropical Birds
Daniel Gebo, Ph.D., Primates
Jaqueline Goerck, Ph.D., Conservation in Brazil
Melina Hale, Ph.D., Biomechanics
Malcolm Hast, Ph.D., Mammalian Vocal Apparatus
Rainer Hutterer, Ph.D., Mammalian Insectivores
Avis James, Ph.D., *Drosophila* evolution
Bruce C. Jayne, Ph.D., Marine and Estuarine Snakes
W. B. Jefferies, Ph.D., Coevolution and Symbiosis in Crustaceans
Ulf Johanson, Ph.D., Himalayan Bird Ecology
Kevin Johnson, Ph.D., Systematics and Evolution of Birds
Daryl Karns, Ph.D., Herpetology and Community Ecology
Marcus Key, Jr., Ph.D., Bryozoans
Douglas Kelt, Ph.D., South American Mammals
John Kethley, Ph.D., Systematics of Acari
David H. Kistner, Ph.D., Systematics of Staphylinidae Associated with Ants and Termites
Nedra Klein, Ph.D., Molecular Evolution in Birds
Michael La Barbera, Ph.D., Functional Morphology of Pectinidae
Peter E. Lowther, Ph.D., Field Museum Nest and Egg Collection
Jessie Maisano, Ph.D., Skeletal Morphology of Squamates
Yang Chang Man, B.S., Decapods
Peter Meserve, Ph.D., Population Ecology of Mammals
Paula M. Mikkelsen, Ph.D., Marine Mollusks
John C. Murphy, M.S., Herpetology
Charles Nadler, M.D., Sciuridae
Roy A. Norton, Ph.D., Systematics of Acari
John O'Neill, Ph.D., Neotropical Birds
Link Olson, Ph.D., Malagasy Mammals
Perry Ong, Philippine Mammals
Charles Oxnard, Ph.D., Vertebrate Anatomy
Victor Pacheco, M.A., Peruvian Mammals
Ronald Panzer, Ph.D., Invertebrate Conservation
Stewart B. Peck, Ph.D., Systematics of Coleoptera
Tila Maria Perez Ortiz, Ph.D., Systematics of Acari
Philip D. Perkins, Ph.D., Aquatic Coleoptera
Paulo Petry, Ph.D., South American Fishes
Ronald Pine, Ph.D., Taxonomy of South American Mammals
James Pokines, Ph.D., Taphonomy-Archeology of Mammal Bones
Stephen Pruett-Jones, Ph.D., Behavior and Ecology of Birds
George B. Rabb, Ph.D., Taxonomy of Salamanders, Phylogeny of Snakes
Matthew Ravosa, Ph.D., Primates
Justine Ray, Ph.D., Central African Mammals
Eric A. Rickart, Ph.D., Mammals in Southeast Asia and North America
Scott Robinson, Ph.D., Birds
Luis Ruedas, Ph.D., Southeast Asian Mammals
Victor Sanchez-Cordero, Ph.D., Mexican Mammals
Jorge A. Santiago-Blay, Ph.D., Insects
Nikolaos Schizas, Ph.D., Population Genetics

Jodi Sedlock, Ph.D., Bat Ecology
H. Bradley Shaffer, Ph.D., Herpetology
Jennifer Shopland, Ph.D., Mixed Species Ecology, Neotropical Birds
Ronald Singer, D.Sc., Mammalian Anatomy
Sergio Solari, M.S., Mammals of Peru
Donald Stewart, Ph.D., South American Fishes
Bill Strausberger, Ph.D., Cowbirds
Robert Stuebing, M.S., Malaysian Ecology
J. Bolling Sullivan III, Ph.D., Systematics of Lepidoptera
Kumthorn Thirakhupt, Ph. D., Southeast Asian Herpetology
Jamie Thomerson, Ph.D., Central and South American Fishes
Vinton Thompson, Ph.D., Systematics of Homoptera
Robert Timm, Ph.D., New World Mammals
Robert Traub, Ph.D., Siphonaptera
Bruce Walsh, Ph.D., Systematics of Lepidoptera
Joseph Walsh, Ph.D., Mammalian Systematics
Richard Wassersug, Ph.D., Tadpole Research
Lee A. Weigt, M.S., Zoology, Systematics
John Wible, Ph.D., Higher Level Taxonomy of Mammals
Glen Woolfenden, Ph.D., Florida Scrub Jay Behavior
Chris Yahnke, Ph.D., Neotropical Mammal
Anne Yoder, Ph.D., Primate Evolution
John Yunker, Ph.D., Mammals of Chicago area
Ermi Zhao, Ph.D., Chinese Herpetofauna, Systematics

Associates

Peter L. Ames, Ph.D., Syringeal Morphology of Passerine Birds
Matt Bonnan, Ph.D., Vertebrate Paleontology
Barbara Brown, B.A., Primates
Sidney Camras, M.D., Systematics of Conopidae (Diptera)
Arvin C. Diesmos, M.S., Philippines Amphibians
Ingrid Fauci, Collection Management, Translations
Barbara A. Harney, M.S., Mammal Ecology
Jacques Hill, Ph.D., Southeast Asian Herpetology
Tan Fui Lian, South Asian Frogs
N. Aldrin D. Mallari, M.S., Philippines Conservation
Peggy McNamara, Artist
Debra K. Moskovits, Ph.D., Conservation
Philip P. Parrillo, B.S., Systematics of Carabidae (Coleoptera)
Nina Sandlin, B.A., Taxonomy of Linyphiidae (Araneae)
John A. Wagner, Ph.D., Systematics of Staphylinidae: Pselaphidae
(Coleoptera)

Field Associates

Tom Anton, Midwestern Amphibians and Reptiles
Pam Austin, M.S., African Mammals
Danny Balete, M.S., Philippine Mammals and Conversation
Barbara Becker, M.A., Zoology Research
Somchai Bussarawit, B.S., Biology
Tanya Chan-ard, M.S., Forest Biology
Merel J. Cox, M.S., Geology, Snakes of Thailand
Leif Davenport, Mammals of Burundi
Susan Davis, M.S., Neotropical Birds
Carl W. Dick, M.S., Mammal Ectoparasites
Sherif Baha El Din, M.S., Herpetology of Egypt
John Douglas, M.S., African Zoology
Brian Fisher, Ph.D., Ants of Madagascar

Steve Fratello, Guyanan Butterflies
Bruce Hayward, Ph.D., African Mammals
Kiew Bong Heang, Ph.D., Sea Snakes
Nina R. Ingle, Ph.D., Philippine Mammals and Conservation
Djoko T. Iskandar, Ph.D., Genetic and Systematics of Amphibians
Maklarin Lakim, Research Officer
Vachira Lheknim, Ph.D., Fish of Thailand
Kelvin Lim Kok Peng, Amphibians and Reptiles
Antonio Machado-Allison, Ph.D., South American Fishes
David Matusik, Lepidoptera Taxonomy
Gregory Mayer, Ph.D., Organismic and Evolutionary Biology
Edward Moll, Ph.D., Biology of Freshwater Turtles
John Murphy, M.S., Herpetology
Manuel A. Plenge, Peruvian Bird Distribution
Walter R. Suter, Ph.D., Systematics of Scydmaenidae (Coleoptera)
Blas Tabaranza, M.S., Philippine Mammals
Jamie Thomerson, Ph.D., Central and South American Fishes
Ruth Utzurum, Ph.D., Philippine Mammals
Anna Wong, B.S., Zoology
Bruce A. Young, Ph.D., Snake Morphology

COLLECTION STATISTICS, 2004

Collection Size and Growth

	2003 Number of Specimens	2004 Number of Specimens	2003-2004 % growth
<u>DEPARTMENT OF ANTHROPOLOGY</u>			
Africa	161,480	161,612	0.08%
Europe	47,469	47,470	0.00%
Asia	89,791	89,857	0.07%
South America	23,200	23,339	0.60%
Central & Middle America	14,477	14,585	0.75%
North America	249,816	250,355	0.22%
Pacific	50,672	50,672	0.00%
Osteological Collection	4,696	4,696	0.00%
Anthropology Subtotal	641,601	642,586	0.15%
<u>DEPARTMENT OF BOTANY</u>			
Algae	78,142	78,142	0.00%
Fungi	165,370	176,640	6.82%
Bryophytes	196,900	198,100	0.61%
Pteridophytes	117,580	117,680	0.09%
Gymnosperms	10,975	11,025	0.46%
Angiosperms	2,123,252	2,127,173	0.18%
Botany Subtotal	2,692,219	2,708,760	0.61%
<u>DEPARTMENT OF GEOLOGY</u>			
Physical Geology	64,855	64,704	-0.23%
Invertebrate Paleontology	322,386	322,688	0.09%
Plant Paleontology	66,158	66,335	0.27%
Vertebrate Paleontology	83,761	83,912	0.18%
Geology Subtotal	537,160	537,639	0.09%
<u>DEPARTMENT OF ZOOLOGY</u>			
Amphibians and Reptiles	277,702	282,152	1.60%
Birds	459,383	463,143	0.82%
Fishes	1,871,138	1,884,560	0.72%
	10,977,74	11,470,88	
Insects	4	1	4.49%
Invertebrates	4,259,153	4,327,236	1.60%
Mammals	177,458	180,668	1.81%
	18,022,57	18,608,64	
Zoology Subtotal	8	0	3.25%
	21,893,55	22,497,62	
TOTAL SPECIMENS	8	5	2.76%

COLLECTION STATISTICS, 2004

Outgoing Loans from Field Museum Collections

	Number of Loans	Number of Specimens
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	14	544
<u>DEPARTMENT OF BOTANY</u>		
Algae	1	12
Fungi	16	301
Bryophytes	6	171
Pteridophytes	2	90
Gymnosperms	1	150
Angiosperms	93	13,043
Botany Subtotal	119	13,767
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	18	49
Invertebrate Paleontology	9	410
Plant Paleontology	5	355
Vertebrate Paleontology	37	227
Geology Subtotal	69	1,041
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	95	2,229
Birds	140	2,493
Fishes	38	2,236
Insects	126	26,501
Invertebrates	56	5,941
Mammals	105	1,860
Zoology Subtotal	560	41,260
TOTAL	762	56,612

COLLECTIONS STATISTICS, 2004

Incoming Loans from Other Institutions or Parties

	Number of Loans	Number of Specimens
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	0	0
<u>DEPARTMENT OF BOTANY</u>		
Algae	0	0
Fungi	32	3,694
Bryophytes	7	71
Pteridophytes	0	0
Gymnosperms	0	0
Angiosperms	14	1,680
Botany Subtotal	53	5,445
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	0	0
Invertebrate Paleontology	0	0
Plant Paleontology	2	32
Vertebrate Paleontology	n/a	n/a
Geology Subtotal	2	32
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	51	1,758
Birds	12	206
Fishes	17	233
Insects	64	7,145
Invertebrates	21	4,823
Mammals	33	793
Zoology Subtotal	198	14,958
TOTAL	253	20,435

COLLECTION STATISTICS, 2004

Use of Collections by Visitors

	<u>Scientific</u>		<u>Classes</u>		<u>Information/Outre</u>	
	<u>Visitors</u>				<u>ach</u>	
	Total	Total	Total	Total	Total	Total
	Visitors	Visitor Days	Classes	Students	Visits	Visitors
	†	†	†	†	†	†
	†	†	†	†	†	†
<u>ANTHROPOLOGY</u>	†	†	†	†	†	†
	†	†	†	†	†	†
Subtotal	87	185	18	415	55	175
	†	†	†	†	†	†
	†	†	†	†	†	†
<u>BOTANY</u>	†	†	†	†	†	†
	†	†	†	†	†	†
Algae	0	0	0	0	0	0
Fungi	3	3	1	15	1	15
Bryophytes	4	10	0	0	0	0
Pteridophytes	0	0	0	0	0	0
Gymnosperms	0	0	0	0	0	0
Angiosperms	46	84	1	18	0	0
Subtotal	53	97	2	33	1	15
	†	†	†	†	†	†
	†	†	†	†	†	†
<u>GEOLOGY</u>	†	†	†	†	†	†
	†	†	†	†	†	†
Physical Geology	2	2	0	0	0	0
Invertebrate						
Paleo	14	19	5	26	3	6
Plant						
Paleontology	3	23	4	37	1	2
Vertebrate Paleo	42	245	6	39	0	0
Subtotal	54	270	15	102	4	8
	†	†	†	†	†	†
	†	†	†	†	†	†
<u>ZOOLOGY</u>	†	†	†	†	†	†
	†	†	†	†	†	†
Amphib./Reptiles	62	403	14	258	36	70
Birds	75	360	6	90	70	800
Fishes	47	118	9	177	31	96
Insects	36	150	8	109	22	157
Invertebrates	11	22	2	20	4	21
Mammals	142	979	8	167	90	500
Subtotal	373	2,032	47	821	253	1644
	†	†	†	†	†	†
	†	†	†	†	†	†
TOTALS	567	2,584	82	1,371	313	1842

FIELD MUSEUM PRESS - 2004

Fieldiana: Anthropology

No. 37. "Hilltop Terrace Sites of Oaxaca, Mexico: Intensive Surface Survey at Guirun, El Palmillo, and the Mitla Fortress." By Gary Feinman and Linda Nicholas. 2004. 240 pages. Publication No. 1530.

Fieldiana: Botany

No. 44 "Austral Hepaticae. 35. A Taxonomic and Phylogenetic Study of *Telaranea* (Lepidoziaceae), with a Monograph of the Genus in Temperate Australasia and Commentary on Extra-Australasian Taxa." By John Engel and Gary L. Smith Merrill. 2004. 265 pages. Publication No. 1531.

Fieldiana: Geology

No. 50. "Notoungulata and Litopterna of the Early Miocene Chucal Fauna, Northern Chile." By Darin A. Croft, John J. Flynn, and Andre R. Wyss. 2004. 52 pages. Publication No. 1528.

Fieldiana: Zoology

No. 102. "Atlas of New World Marsupials." By Barbara Brown. 2004. 308 pages. Publication No. 1527.

No. 103. "The Millipede Collections of the World." By Petra Sierwald and Abigail Julia Reft. 2004. 100 pages. Publication No. 1532.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

The Pritzker Laboratory for Molecular Systematics and Evolution was named in recognition of generous support from The Pritzker Foundation. The Pritzker Lab is a Field Museum multi-user core facility whose mission is the collection and analysis of genetic data. The majority of the data collected are DNA sequences. The main sources of specimens used in the laboratory are the frozen tissue collections of The Field Museum's Zoology and Botany Departments, although herbarium and traditional museum skins are also used. DNA sequence data can be used to investigate diverse questions at all levels in the biological hierarchy: questions about individuals, populations, species, and even phyla and kingdoms.

The primary activity of lab users is the collection and analysis of genetic data for inferring the evolutionary, or phylogenetic, relationships among species. This knowledge of phylogenetic relationships is fundamental to understanding organismal evolution and the origins of biological diversity. Patterns of phylogenetic relationships among species can be used to trace evolutionary changes and provide insights to the biological and geological histories of geographic regions. Another focus of lab research involves characterizing the amount of genetic variation within and among populations. These data can be used to help guide conservation efforts, and to study the processes driving evolution, such as natural selection.

In May of 2004, the Pritzker Lab received an NSF grant for \$188,142 for the purchase of a new automated sequencer. A new ABI 3730 DNA Analyzer arrived in the late summer and was up and running in a matter of weeks. The new sequencer has increased the amount of data lab users can collect at least fivefold and has been running smoothly since installation.

In the fall of 2004, the Lab Management Committee welcomed two new members, Dr. Thorsten Lumbsch and Dr. Rick Ree. Both Dr. Ree and Dr. Lumbsch are recent hires in the Botany Department and already have active molecular projects in the lab. Dr. Lumbsch is studying the evolution of fruiting bodies in lichenized ascomycetes and the phylogeography and ecophysiological characterization of cosmopolitan and bipolar lichen populations in Antarctica. Dr. Ree is examining the evolution of various angiosperm groups that have diversified in the Himalayan region, especially south-central China. In the fall of 2004, the lab expanded into space recently vacated by the IT department. The new space accommodated two offices, four ultracold freezers, and computers, making room for several new users that are expected in the summer of 2005.

The majority of lab users are Field Museum curators, their graduate students from the University of Chicago and the University of Illinois at Chicago, and their Postdoctoral researchers. As it does every year, the lab had many international visitors in 2004, including visitors from the Democratic Republic of the Congo, China, Japan, India, Germany, Mexico, and South Africa. Each of these visitors was trained in the proper methods for collecting genetic data for their various projects. In 2004, over 20 national and international scientists were trained to collect genetic data on a huge variety of organisms. The many areas of inquiry pursued by these researchers include the origins of symbiosis, the evolution of life history traits, rates of evolutionary change, biogeography, conservation, sexual selection, speciation, and natural selection at the molecular level. More than 35 new and continuing projects used the DNA sequencing facilities in 2004.

A non-departmental unit of Academic Affairs supervised by a Management Committee, The Pritzker Lab is available for use by Field Museum curators and staff, their collaborators and students, and welcomes additional collaborations with new institutions and researchers. Users of the lab are responsible for designing, performing and financing their own lab work. For more information, please see the web pages of the Pritzker Lab: www.fmnh.org/research_collections/Pritzker_lab; or the individual pages of committee that manages the facility: John Bates (Zoology); Paul Goldstein (Zoology); Thorsten Lumbsch (Botany); Shannon Hackett (Zoology); Rick Ree (Botany); Jun Wen (Botany); and Kevin Feldheim (Pritzker Lab).

SCANNING ELECTRON MICROSCOPE

The Field Museum's two scanning electron microscopes (SEMs) are invaluable research tools for examining fine surface details of three-dimensional objects and specimens from the Museum's collections. The capability of viewing objects at very low magnifications (down to 10 times life-size) as well as high magnifications (over 100,000 times life-size) is one of the special features of our SEMs. Images obtained from the scanning electron microscope achieve higher resolution and higher magnification than those observed with light microscopy, and the SEM images also provide 300 times more depth-of-field than those obtained with conventional light microscopy.

In addition to imaging, our newest SEM (installed in April 2004), the variable pressure Zeiss (formerly LEO) EVO 60 XVP Scanning Electron Microscope, is equipped to analyze elemental composition with the Oxford INCA 350 Energy Dispersive X-ray Microanalysis System (EDS), and has the largest chamber available for viewing sizeable specimens and objects. The Zeiss SEM with the Oxford EDS was generously funded by an anonymous donor and is part of the Museum's Elemental Analysis Facility.

The Museum's other SEM, the Amray 1810, has been recently upgraded with a PC that has a digital imaging capturing system. The Amray SEM is an excellent tool for both very low and very high magnification work and examination without destructive methods (e.g. uncoated specimens), and can accommodate a large range of specimen movement and positioning. Specimen preparation instruments in the lab include a Balzers 030 Critical Point Dryer for drying soft tissue and a Denton Vacuum Desk II Sputter Coater for coating non-conductive specimens with a thin layer of gold.

The SEM Laboratory is a multi-user research facility used by researchers and students in The Museum's Departments of Anthropology, Botany, Geology, and Zoology. The laboratory is managed by Betty Strack. Twenty-five curators, professional staff, graduate students mostly from the University of Chicago and the University of Illinois at Chicago, research associates, and international visiting/collaborating scientists operated the SEM in 2004. They include: Danny Balete, Beth Bastiaans, R. diger Bieler, Steffi Ickert-Bond, J.P. Brown, Julian Bueno, Laure Dussubieux, Monica Dyrz, John Engel, Gary Feinman, David Goldstein, Larry Heaney, Julian Kerbis, David Lentz, Luke Mahler, Angela Marion, Peter Makovicky, Gary Merrill, Lisa Niziolek, Will Pestle, Mihai Popa, Alexey Solodovnikov, Petra Sierwald, Thomas Wesener and Bill Barnett (Information Services).

Topics of recent and continuing research projects using the SEM Lab:

- 1 Dinosaur teeth from China

- 2 Inca metals examinations
- 3 Philippine pottery
- 4 Aztec pigments
- 5 Archaeological textile pseudomorphs on copper alloys
- 6 Archaeological samples from El Palmillo, Oaxaca, Mexico
- 7 Trabecular structure of normal and pathological human vertebrae
- 8 Peruvian wood/charcoal identification
- 9 Moss spore morphology
- 10 Leaf cuticle and seed morphology of sweet gum plant family
- 11 Wood morphology from Guatemala
- 12 Fungal spore morphology
- 13 Philippine small mammal teeth and skulls
- 14 African shrew skulls
- 15 Tooth attachment of small lizards
- 16 Beetle morphology
- 17 Marine gastropods and bivalve morphology
- 18 Millipede morphology

SCHOLARSHIP COMMITTEE

The Field Museum encourages and supports the use of its collections and facilities by outside scholars and students. The Scholarship Committee is responsible for the review of applications and the disbursement of funds for visiting scientists, graduate fellows and undergraduate interns who wish to work with the museum's collections or collaborate with its scientists. The Scholarship Committee administers eight separate funds. These are the Borg-Warner Robert O. Bass Visiting Scientist Fund, the Karl P. Schmidt Fund, the Thomas J. Dee Fellowship Fund, the Visiting Scholarship Fund, the Visiting Scholar Fund, the William A. and Stella Rowley Graduate Fellowship Fund, the Lester Armour Graduate Fellowship Fund, the Women's Board's "Women in Science" Graduate Fellowship Fund, and the Undergraduate Internship Fund.

During 2004 the Scholarship Committee awarded 27 scholarships, 3 fellowships, and 6 internships in three of the four scientific departments. Sixteen scholarships were given to exceptional graduate or undergraduate students who have demonstrated a strong commitment to the study of natural history. Scientists came not only from the United States, but also from around the world: Argentina, Brazil, Chile, China, Colombia, Ecuador, England, France, Germany, India, Japan, Malaysia, Peru, Romania, Sweden.

Meenakshi Wadhwa was appointed Chair of the Scholarship Committee in 2004, replacing Lance Grande after 15 years of dedicated service. Elaine Zeiger serves as Committee Secretary.

Scholarships and Internships Awarded in 2004

Lester Armour Family Graduate Fellowship (for outstanding graduate students to pursue advanced studies in one of the scientific departments at the museum): Rahul Oka, Tristan Stayton.

Women's Board "Women In Science" Fellowship (for exceptional women Ph.D. candidates in the natural sciences): Anjali Goswami.

Borg-Warner Robert O. Bass Visiting Scientists (for the support of visiting scientists): Gloria Arratia, Stephen Hesselbo, Hong Deyuan, Pan Kaiyu, Akiko Soejima, Zhiyun Zhang.

Thomas J. Dee Fellows (for research and academic fellowships with priority given to younger, less established research workers and to graduate students): Sharon Brooks, John Chavez, Mark Coleman, Pradeep Divakar, Katiane Ferreira, Denise Guillot, Gregg Gunnell, Alexander Krings, Alba Lucia Morales Jimenez, Yaakob Norsham,

Mihai Popa, Marianne Porter, Taylor Sultan Quedensley, Jennifer Sheridan, Mikael Sorensson, Omar Torres-Carvahal.

Karl P. Schmidt Scholars (for the training of young scientists who desire to study at The Field Museum): Sebastian Apesteguía, Olivier Bèthoux, Diane Curewitz, Analía Forasiepi, Taylor Sultan Quedensley.

Internships (work experience whereby an undergraduate or recent graduate gains hands-on training in his/her field of expertise for one or more semesters): Justin Cummings, Jon Douglas, Stuart Fox, Stefanie Kautz, Brandon Kilbourne, Lev Spivak-Birndorf.